MICHIGAN BIRTH DEFECTS REGISTRY

REPORTING MANUAL

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Michigan Department of Community Health
Health Administration

Vital Records and Health Data Development Section

Michigan Department of Community Health

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BIRTH DEFECTS REGISTRY
MICHIGAN DEPARTMENT OF COMMUNITY HEALTH

BIRTH DEFECTS REGISTRY STAFF

The Michigan Birth Defects Registry staff prepared this manual to provide the information needed to submit reports. The manual contains copies of the legislation mandating the Registry, the Rules for reporting birth defects, information about reportable and non reportable birth defects, and methods of reporting. Changes in the manual will be sent to each hospital contact to assist in complete and accurate reporting. We are interested in your comments about the manual and any suggestions about information you would like to receive. The Michigan Birth Defects Registry is located in the Epidemiology Services Division, Vital Records and Health Data Development Section.

Registry staff can be reached at the following address:

Michigan Birth Defects Registry
Vital Records and Health Data Development Section
3423 N. Martin Luther King Jr. Blvd.
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FOR ASSISTANCE WITH SPECIFIC QUESTIONS PLEASE CONTACT

Glenn E. Copeland (517) 335-8677

BIRTH DEFECTS REGISTRY
MICHIGAN DEPARTMENT OF COMMUNITY HEALTH

GENERAL INFORMATION

The Michigan Birth Defects Registry maintains a file of case reports on children birth to two years of age born in Michigan or to Michigan residents and diagnosed with a reportable condition in the state of Michigan. This information is reported to the Registry by hospitals and clinical and pathology laboratories as mandated by Public Act 236 of 1988 which amended the Public Health Code, Act 368 of 1978. Public Act 236 directs the Michigan Department of Community Health to establish a comprehensive birth defects registry. The amendment is aimed at improving statewide identification of children with birth defects and facilitating the assessment of service and referral needs for these children. The Michigan Birth Defects Registry will provide the information needed to: compute baseline birth defects incidence and mortality rates and analyze trends; identify and respond to potential clusters; formulate and test hypotheses of causation; plan and develop relevant programs; coordinate assistance for long-term care and followup; evaluate programs and services; and further educate professionals and the community at large. These activities seek to improve our knowledge concerning the prevention of birth defects and to assure that Michigan children with birth defects have access to available resources and assistance. The ability to meet these goals is largely dependent on the successful functioning of a statewide registry and the quality of the data collected.

REPORTING REQUIREMENTS

The Michigan Birth Defects Registry was established as part of the Public Health Code (Act 368 of 1978) by amending sections 5721 and 5805. Section 5721 of Part 57 stipulates that "(1) Each diagnosed incidence of a birth defect, including a congenital or structural malformation, or a biochemical or genetic disease, and any information relevant to incidents of birth defects, shall be reported to the department. (2) The department shall maintain comprehensive statewide records of all information reported to the birth defects registry." The Rules governing reporting, the quality, manner, collection and analysis of the data, and confidentiality regulations are proscribed by the Code and the legislation.

Confidentiality of all data is required by law and strictly maintained by the Health Department staff. Section 2631 of the Public Health Code regulates procedures protecting confidentiality and regulating disclosure of data and records.

The Michigan Birth Defects reporting rules, R 325.9071-9076, define a reportable defect as "an abnormality of the body's structure or inherent function present at birth, whether the abnormality is detected at the time of delivery or becomes apparent at a later date." A registrant is defined as "a child age birth to 2 years who is diagnosed with a reportable birth defect in the state of Michigan" either in an inpatient or outpatient setting or diagnosed by clinical laboratories conducting cytogenetic tests or postmortem examinations. R 325.9072 identifies reportable defects. Reports are to be submitted within 30 days of diagnosis on the confidential Birth Defects Registry report forms provided by the Department of Community Health or by electronic media.

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SECTION I

CASE REPORTING

I. REPORTING

Reporting can occur electronically via tape, floppy disk or modem transfer or by completion of a report form supplied by the Michigan Birth Defects Registry.

Case Definition

Any child, under the age of 24 months, diagnosed with a reportable condition in the inpatient or hospital-sponsored outpatient setting. A report is required for each such case regardless of the child's residence.

Reportable Conditions

Reportable conditions are those conditions listed in this manual. It is not necessary to report some normal variants, extremely common minor defects and conditions resulting from prematurity. These conditions are listed on the Exclusion List and should not be reported unless there is a reportable condition present.

- **!** Review the medical chart of children birth to two years of age for a reportable defect.
- **!** Please complete a Birth Defects Registry report as soon as possible, and no later than 30 (thirty) calendar days after a diagnosis has been recorded in the patient's medical record or after discharge.
- **!** The report is filled out even if a child expires.
- **!** The report is filled out even if the defect is corrected.
- **!** For cases readmitted to the hospital, check the medical record to see if a Birth Defects Registry report was previously completed. If a report has been filed, it is not necessary to submit another report unless there is a change in the diagnosis from that described on the original Birth Defects Registry report.
- **!** If you are uncertain as to whether a report should be filed or if a Birth Defects Registry report was filed previously, remember it is better to submit the report.

Prompt reporting will help to insure that families are made aware of assistance options in a timely manner.

II. CONFIDENTIALITY

Personal identifiers must be collected for each case. These help to insure that each case is only counted once and to match cases to birth/death files and other pertinent databases. Case identifiers will also aid in contacting families as required by Public Act 368 of 1978, being Michigan Compiled Laws §333.5805, regarding assistance, services, or special epidemiologic studies, when this is deemed necessary and appropriate.

All Michigan Department of Community Health personnel involved in data collection, data entry, and database maintenance are bound by state laws mandating confidentiality. Confidentiality is assured by Public Act 368 of 1978, being MCL §333.2631. Completed forms will be stored in locked files, and computer files can only be accessed by authorized personnel. Any published report will only contain aggregate data and will not disclose personal identifiers.

III. INSTRUCTIONS FOR ELECTRONIC SUBMISSION OF DATA

Accuracy and thoroughness in case identification and data abstracting determine the quality of the data and the usefulness of a registry. The quality of the information reported is dependent on the ability of personnel to abstract relevant data from the hospital chart.

This manual is a guide for establishing an electronic record for each case to be reported to the Michigan Birth Defects Registry. The majority of the information requested by the Registry is self-explanatory. The record layout, variable and coding structure are outlined, and the specification for alternative methods of transmission are described. Questions not addressed in the manual should be brought to the attention of.

ELECTRONIC SUBMISSION

Data may be submitted via tape, floppy disk or modem according to the specifications listed below.

TAPE Standard IBM compatible, 6250 bpi, 9 track, labeled (first six characters of the facility name), ASCII or EBCDIC.

FLOPPY DISK IBM compatible, 360K, 720K 1.2 or 1.4 MB; 3.5 or 5.25 inch, ASCII file.

MODEM "The Carbon Copy," currently used for EBC transmission, would be supplied to the facility. "The Carbon Copy" runs on an IBM compatible (PC XT, PC AT or PS/2 with at least 640 Kilobytes of Random Access Memory running MS-DOS or PC-DOS 2.0 or later versions). The computer must have one serial and one parallel port or two serial ports. Modems must be 1200 or 2400 baud Hayes, Hayes compatible or one of the following:

Evercom II - 1200
Evercom-Cygcom24
Fastcomm
Gandalf Pax Multplx
Hayes
Hayes Compatible
Hayes V-Series
IBM 1200 5841
IBM PC Internal
Ideacom
Kyocera
Leading Edge/Omnitel
Micorn Dataswitch
Migent
Multi-Tech 224E
Novation
PC LIMITED
Popcom & Prentice
Datarace II
Recal Vadc 2400PA
ERecal Dadc 9600
Raim Dataswitch
Smarteam
Smartone
Telebit Trailblazer
Telebit Trail-INIT
Telebit Trail-9600
Telebit Compatible
Telenetics
Touchbase Wordport
UDS Fastalk
US Robotics
US Robotics 2400E
US Robotics HST9600
Ven-Tel
Zoom Telephncs
Codex 2233
Prometheus
Standard "AT" modem
Microcom AX-AT Mode
Microcom AX-SX Mode
Microcom SX Series
M.N.P. Compatible
AST
AST 2x Series
AT&T 4000
AT&T 4024 Dataphone
AT&T KS-23095,L1
Anchor
Avatek
Bixcomp
CTS 2424/Sysdyn
Capetronics
Case
Cermetek
Practical Peripheral

MICHIGAN BIRTH DEFECTS REGISTRY
ELECTRONIC SUBMISSION

Record Layout Format

Missing Data: Alphanumeric field = Blank fill Numerical field = 0 fill
Justification: Alphanumeric field = Left justified Numerical field = Right justified with leading 0 if needed

DESCRIPTION	WIDTH	LOCATION	TYPE	CODES
Child's last name	20	1 - 20	A	
Child's first name	20	21 - 40	A	
Middle initial	1	41	A	
Street number	8	42 - 49	N	
Direction	2	50 - 51	A	N = North NE = Northeast S = South NW = Northwest E = East SE = Southeast W = West SW = Southwest
Street name	25	52 - 76	A	
Type	2	77 - 78	A	AL = Alley LN = Lane AV = Avenue LT = Lot BL = Boulevard PL = Place CR = Circle PY = Parkway CT = Court RD = Road DR = Drive ST = Street FL = Flat TR = Trail HG = Heights WY = Way HW = Highway
Apartment number	8	79 - 86	A	
P.O. Box	5	87 - 91	N	
City	15	92 - 106	A	
County	15	107 - 121	A	
State	2	122 - 123	A	Standard Post Office Abbreviations
ZIP Code	5	124 - 128	N	
Child's Social Security Number	9	129 - 137	N	

ELECTRONIC SUBMISSION RECORD LAYOUT FORMAT

DESCRIPTION	WIDTH	LOCATION	TYPE	CODES
Child's Medical Record Number	10	138 - 147	N	
Sex	1	148	N	1 = Male 2 = Female 3 = Undetermined
Child's Medicaid Number	10	149 - 158	N	
Date of Birth				
Month	2	159 - 160	N	01 - 12
Date	2	161 - 162	N	01 - 31
Year	4	163 - 166	N	199?
Mother's Name				
Mother's last	20	167 - 186	A	
Mother's first	20	187 - 206	A	
Middle initial	1	207	A	
Mother's Social Security Number	9	208 - 216	N	
Diagnosis code (up to 15 codes)	5	217 - 291	N	ICD-9-CM Diagnostic Code
Date of Admission				
Month	2	292 - 293	N	01 - 12
Day	2	294 - 295	N	01 - 31
Year	4	296 - 299	N	199?
Date of Discharge				
Month	2	300 - 301	N	01 - 12
Day	2	302 - 303	N	01 - 31
Year	4	304 - 307	N	199?
Patient type	1	308	N	1 = inpatient 2 = outpatient
Source of Admission	1	309	N	1 = any admission 2 = transferred
Discharge Status	1	310	N	1 = discharged alive 2 = transferred 3 = discharged dead
Procedure Code (up to 15 codes)	4	311 - 370	N	ICD-9-CM Procedure Code

ITEM REVIEW
ELECTRONIC SUBMISSION

Child's Name

- *One of several variables used to establish a unique case and to prevent a case from being counted twice.*
- *To allow for matching with birth and death certificate files.*
- *To aid in any necessary followup.*

Child's Address

- *To aid in any necessary follow-up.*

Child's Social Security Number

- *One of several variables used to establish a unique case.*

Child's Medical Record Number

- *To verify or collect additional information and for quality control purposes.*

Sex

- *One of several variables used to establish a unique case.*

Child's Medicaid Number

- *To allow for matching with other databases.*
- *To aid in any necessary followup.*

Child's Date of Birth

- *One of several variables used to establish a unique case.*
- *To aid in matching with birth and death records.*
- *To determine age at time of diagnosis and/or treatment.*
- *To calculate birth defect rates for birth cohorts.*

Mother's Name

- *One of several variables used to establish a unique case.*
- *To allow for matching with birth and death certificate files.*
- *To aid in any necessary follow-up.*

Mother's Social Security Number

- *One of several variables used to establish a unique case.*
- *To aid in matching with birth and death records.*

Diagnoses

- *Report* **ALL** *reportable diagnoses (up to fifteen).*

- **Reportable Diagnoses:** *List each diagnosis separately on the corresponding numbered line. Almost all items in the Congenital Anomalies section of the ICD-9-CM are reportable to the Michigan Birth Defects Registry. In addition, parts of other sections are reportable. These include inborn errors of metabolism, some endocrine disorders, hereditary blood, eye, nervous system and muscle disorders. Certain conditions originating in the perinatal period such as congenital rubella are required. Please refer to* **Section II, page 19** *for a detailed list of reportable conditions.*

- **Nonreportable diagnoses:** *There are many diagnoses which are not collected by the Michigan Birth Defects Registry. For example, retinopathy of prematurity, ankyloglossia, umbilical hernia completely covered by skin and gastroesophageal reflux (chalasia) are not reportable conditions. Please refer to* ***Section II, page 75*** *for a listing of excluded conditions.*

- **Congenital heart disease** *is a descriptive term that encompasses many different types of congenital heart defects. Please provide as much information as possible on specific heart defects. For example, patent ductus arteriosus, pulmonary valvular stenosis or Tetralogy of Fallot instead of congenital heart disease.*

- *The reporting of* **hip anomalies** *appears to be a difficult task, and currently there is little agreement among orthopedic surgeons over which hip problems are congenital anomalies. Please report all hip anomalies except 754.32 and 754.33 'Subluxation of the hip - unilateral and bilateral'.*

- **Jaundice, on its own,** *is a frequent condition that* **is not reportable** *to the Registry. However, if there is some underlying cause for the jaundice, such as glycogen storage disease or congenital biliary atresia, etc.,* **please report these underlying conditions.**

- **Premature Condition**: *Another frequent reporting problem is that of tyrosine where it is mentioned as increased, or elevated or transient elevation. These events are extremely common and quite normal especially in premature infants. With a little vitamin C, the tyrosine metabolism is restored to normality. There is, however, a very rare inborn error of metabolism involving tyrosine that is hereditary tyrosinemia or tyrosinosis. These inborn errors of metabolism should be reported to the Registry.*

- *If there is a* **syndrome diagnosis**, *report both the syndrome name and the individual anomalies that comprise the syndrome. Even when a syndrome is identified, it is still necessary to describe each component defect individually as it appears in the medical record for coding.*

Diagnostic codes *are used to:*

- *To calculate birth defects incidence rates.*
- *To direct families to available assistance.*

- *To monitor trends and clusters.*
- *To identify cases for special studies.*
- *To determine if there is a need for further diagnostic clarification.*
- *To facilitate program planning and projections of future assistance needs.*
- *To monitor birth defects reporting sources.*

Admission Date

- *To facilitate matching to other data sets.*

Discharge Date

- *To facilitate matching to other data sets.*

Patient Type

- *To aid in any necessary followup.*

Source of Admission

- *To aid in followback to original facility.*

Discharge Status

- *To aid in matching with birth and death certificate files.*
- *For calculations of specific birth defect mortality rates.*
- *To document vital status in the event of family followup.*

Procedure Codes

- *To clarify information submitted.*

IF YOU HAVE ANY QUESTIONS CONCERNING THIS MANUAL, PLEASE CONTACT:

Glenn Copeland, (517) 335-8677

IV. INSTRUCTIONS FOR COMPLETING THE BIRTH DEFECTS REGISTRY REPORT FORM

Accuracy and thoroughness in case identification and data abstracting determine the quality of the data and the usefulness of a registry. The quality of the information reported is dependent on the ability of personnel to abstract relevant data from the hospital chart.

This manual is a guide for completing the report for the Michigan Birth Defects Registry. The majority of the information requested on the Michigan Birth Defects Registry report form is self-explanatory. However, each item is reviewed to offer further clarification and provide a rationale for collection. To minimize the time required to complete the form, the number of data items is restricted to include only information deemed necessary for demographic and diagnostic analysis.

It is important to fill out the form completely and as accurately as possible. The information is used in matching with other databases and birth and death records, to aid in any necessary followup, to verify or collect additional information, for quality control purposes, to calculate birth defects rates for birth cohorts, to establish a unique case, and to monitor facility reporting of birth defects.

Questions not addressed in the manual should be brought to the attention of Glenn Copeland (517) 335-8677. If information in the medical record is not clear, direct your questions to the appropriate physician(s) handling the case.

ITEM REVIEW

Initial and Followup Report

- **!** Please review the patient's medical record to determine if a Birth Defects Registry report has been filed. **If one has been filed and the diagnosis has changed, please file a followup report. If you are not sure, please file a report.**

- **!** Check the box in the top left hand corner to indicate if this is an initial report or a followup report.

- **!** Enter month, day and year the form was completed.

1. **Child's Name**
   Enter child's last name, first name, and middle initial. If child was not named, indicate name used on medical chart.

2. **AKA - Also Known As**
   Enter any other name by which the child is also known. Give last name, first name, and middle initial. Write "U" for "Unknown" if there is no indication that the child has been known by any other name.

3. **Child's Address and Telephone Number**
   Enter the number and street, area code, telephone number, city, state, and zip code where the child presently resides (or will reside when discharged). When there is no telephone at the residence, write "U" for "Unknown."

4. **Child's Social Security Number**
   Enter the numbers in the boxes provided. If a social security number for the child is not available, write "U" for "Unknown" in the first box.

5. **Medical Record Number**
   Enter the child's medical record number as assigned by your facility.

6. **Sex**
   Enter an "X" in the appropriate box indicating male, female, or undesignated. One of the boxes must be checked.

7. **Plurality**
   Indicate if child was a single birth, a twin or triplet, etc.

8. **Child's Medicaid Number**
   Enter the numbers in the boxes provided. If a child does not have a Medicaid number listed in available records, then write "U" for "Unknown."

9. **Date of Birth**
   Enter the child's numerical date of birth (month, day, year). If not in medical record, attach note with reason for absence.

10. **Hospital, City, and State of Birth**
    Enter the city, county and state where the child was born. If it is impossible to determine this information, write a "U" for "Unknown" in the first box.

11. **Mother's Social Security Number**
    Enter the number in the boxes provided. If not determined, write "U" for "Unknown" in the first box.

12. **Mother's Name**
    Enter the current last name, first name and middle initial of the child's natural mother. If it is impossible to determine this information, write a "U" for "Unknown" in the first box of the last name.

13. **Hospital/Place of Diagnosis and City**
    Enter the full name of the facility, city, and state from which this report is being generated.

14. **Patient Status**
    Enter an "X" in the appropriate box indicating inpatient or outpatient.

15. **Admission Status**
    Enter an "X" in the appropriate box indicating if patient was transferred from another facility or if admitted in any other circumstance.

16. **Admission Date**
    Enter day patient was admitted to the facility (or born in the facility.)

17. **Discharge Status**
    Enter an "X" indicating if patient was discharged alive, deceased, or to another facility.

18. **Discharge Date**
    Enter month, day, and year patient was discharged.

19. **Procedure Codes**
    Report all procedure codes (up to fifteen) using ICD-9-CM procedure listing.

20. Diagnoses

- **!** List **ALL** reportable diagnoses. **Do not report 'V codes'.** List each diagnosis separately on a corresponding numbered line. Almost all items in the Congenital Anomalies section of the ICD-9-CM are reportable to the Michigan Birth Defects Registry. In addition, parts of other sections are reportable. These include inborn errors of metabolism, some endocrine disorders, hereditary blood, eye, nervous system and muscle disorders. Certain conditions originating in the perinatal period such as congenital rubella are required. **Please refer to Section II for a detailed list of reportable conditions.**
- **!** Report only permanent conditions. Do not report transient conditions like transient hypoglycemia and hyperbilirubinemia of the newborn. There are diagnoses which are not collected by the Michigan Birth Defects Registry such as retinopathy of prematurity, ankyloglossia, umbilical hernia completely covered by skin and gastroesophageal reflux (chalasia). **Please refer to Section II for a listing of conditions which are not reportable if occurring alone without any other reportable defect.**
- **!** Enter the **exact words** used by the physician to describe the condition. **Quote the portions of the medical record where the diagnosis is explained in the most detailed, complete terms.** Try to be as specific as possible in your written description, with respect to location, bilateral, unilateral involvement and size of certain conditions. For example, 'limb reduction' is not sufficient for coding. Instead, it is desirable to write 'absence of upper arm and forearm with hand present, bilateral involvement'.
- **!** **Do not submit congenital anomaly data in the form of an ICD-9-CM code** as many of these ICD codes include very common minor defects and rarer major defects. The surveillance system wishes to have individual entities and not grouped entities.
- **!** **Do not use abbreviations in your reporting.** For example, 'CHD' or 'CDH' will cause confusion. Instead, report 'congenital heart disease' or 'congenital dislocation of the hip.' Avoid using words like 'possible, query, borderline, likely, transient, suspect, ?', etc. Report confirmed diagnosis whenever possible.
- **!** **Once a reportable condition is found** within a patient's medical record, **carefully** check for additional reportable conditions that may be listed elsewhere in the medical record.
- **!** **Congenital heart disease** is a descriptive term that encompasses many different types of congenital heart defects. Please provide as much information as possible on specific heart defects. For example, patent ductus arteriosus, pulmonary valvular stenosis or Tetralogy of Fallot instead of congenital heart disease.
- **!** The reporting of hip anomalies appears to be a difficult task and currently there is little agreement among orthopedic surgeons over which hip problems are congenital anomalies. **Please report all hip anomalies except 754.32 and 754.33** 'Subluxation of the hip - unilateral and bilateral'.
- **!** **Jaundice,** on its own, is a frequent condition that is not reportable to the Registry. However, if there is some underlying cause for the jaundice, such as glycogen storage disease or congenital biliary atresia, etc., **please report these underlying conditions.**
- **!** Another frequent reporting problem is that of tyrosine where it is mentioned as being increased or elevated or transient elevation. These events are extremely common and quite normal especially in premature infants. With a little vitamin C, the tyrosine metabolism is restored to normality. There is, however, a very rare inborn error of metabolism involving tyrosine that is hereditary tyrosinemia or tyrosinosis. These inborn errors of metabolism should be reported to the Registry.
- **!** **If there is a syndrome diagnosis,** list **both** the syndrome name and all the individual anomalies that comprise the syndrome. It is still necessary to describe each component defect individually as it appears in the medical record for coding.

ICD-9-CM Code

List the ICD-9-CM code assigned by your facility.

21. Cytogenetics

- Put an 'X' in the box which best describes the chromosome testing status of the case.
- Check 'not stated' if you are uncertain as to whether a cytogenetics study was performed or requested.
- The box listed as 'normal' is reserved for cases which have had a cytogenetics study done, and the results are described as 'normal'.
- If the box labeled 'abnormal' is checked, it should be followed by a complete description of the abnormality on the line below. Do not use abbreviations in this description.
- If there is an indication that a cytogenetics study was requested but there are no results, put an 'X' in the box labeled 'pending'.
- The box listed as 'no growth' is reserved for cases which have had a cytogenetics study done, and the results are described as 'no growth'.
- If it is known that a cytogenetics study was not requested or performed, put an 'X' in the box labeled 'not done.'

22. Name of Laboratory and City

- Give the name of the laboratory where the cytogenetics study was sent or performed. Include the city where the laboratory is located.
- If you checked the boxes labeled 'not stated', 'normal', 'abnormal', 'pending' or 'no growth' but are uncertain which laboratory is performing the test, put a 'U' in the first box. If you checked the box labeled 'not done' write 'none' in the first four boxes.

23. Person Completing Form

Enter your last name and first name in the spaces provided. Enter the area code and telephone number of the medical records department where you can be reached.

IF YOU HAVE ANY QUESTIONS CONCERNING THIS MANUAL,

PLEASE CONTACT:

GLENN COPELAND (517) 335-8677

VITAL RECORDS & HEALTH DATA DEVELOPMENT SECTION
MICHIGAN DEPARTMENT OF COMMUNITY HEALTH

MICHIGAN BIRTH DEFECTS REGISTRY REPORT

77
State File Number

☐ Correction

Vital Records and Health Data Development Section
Michigan Department of Community Health

Month Day Year

1. Name of Child (Last) (First) (Middle Initial)

2. If the child has been identified by another name (AKA - also known as)

3. Child's Current Street Address | Apartment No. | P. O. Box No.

City | State | Zip Code | Telephone No.

4. Child's Social Security Number (if known) | 5. Medical Record Number | 6. Sex | 7. Plurality

8. Child's Medicaid # (if known) | Date of Birth (Month) (Day) (Year)

6. Sex: ☐ Male ☐ Female ☐ Undesignated

7. Plurality: ☐ Single ☐ First ☐ Second ☐ Third or More

10. Hospital / Place of Birth

City | State | 11. Mother's Social Security Number

12. Mother's Name (Last) (First) (Middle Initial)

13. Name of Facility Submitting Form | City | State

14. Patient: ☐ Inpatient ☐ Outpatient

15. Admission Status: ☐ Any Admission ☐ Transferred

16. Admission Date (Month) (Day) (Year)

17. Discharge Status: ☐ Alive ☐ Transferred ☐ Dead

18. Discharge Date (Month) (Day) (Year)

19. Procedure Codes - ICD-9-CM (Attach additional forms if needed)

20. Diagnoses (attach additional forms if more than 5 diagnoses)

1 _____

2 _____

3 _____

4 _____

5 _____

Syndrome _____

21. Cytogenetics

____ Not Stated ____ Normal ____ Abnormal ____ Pending ____ No Growth ____ Not Done

If Abnormal, Describe _____ ICD-9-CM Code

22. Name of Laboratory City

23. Name of Person Completing Form

(Last) _____ (First) _____

Telephone Number _____

DCH-0944WP (2/02)
Authority: PA 236 of 1988
Confidentiality assured by P.A. 368 of 1978
being MCL 333.2631-2633

Please return to: Michigan Department of Community Health
Population and Provider Data Unit
3423 N. Martin Luther King Jr. Blvd.
P.O. Box 30691
Lansing, Michigan 48909

SECTION II

NUMERICAL LIST OF REPORTABLE

AND NON REPORTABLE CONDITIONS

Revised 2/28/97
reflects revisions to ICD-9 Coding
effective 10/1/96

NUMERICAL LIST OF REPORTABLE CONDITIONS

THIS LIST CONTAINS THE ICD-9-CM CODE AND DESCRIPTION OF EACH CONDITION REPORTABLE TO THE MICHIGAN BIRTH DEFECTS REGISTRY

Revised 2/28/97
reflects revisions to ICD-9 coding
effective 10/1/96

INFECTIOUS AND PARASITIC DISEASES

CONGENITAL SYPHILIS

090.0 EARLY CONGENITAL SYPHILIS, SYMPTOMATIC

Congenital syphilitic:
- choroiditis
- coryza (chronic)
- hepatomegaly
- mucous patches
- periostitis
- splenomegaly

Syphilitic (congenital):
- epiphysitis
- osteochondritis
- pemphigus

Any congenital syphilitic condition specified as early or manifest less than two years after birth

090.1 EARLY CONGENITAL SYPHILIS, LATENT

Congenital syphilis without clinical manifestations, with positive serological reaction and negative spinal fluid test, less than two years after birth

090.2 EARLY CONGENITAL SYPHILIS, NOS

Congenital syphilis NOS, less than two years after birth

090.3 SYPHILITIC INTERSTITIAL KERATITIS

Syphilitic keratitis: parenchymatous, punctata profunda

Excludes: interstitial keratitis NOS (370.50)

JUVENILE NEUROSYPHILIS

Use additional code, if desired, to identify any associated mental disorder

090.40 JUVENILE NEUROSYPHILIS NOS

Congenital neurosyphilis
Dementia paralytica juvenilis
Juvenile: general paresis, tabes, taboparesis

090.41 CONGENITAL SYPHILITIC ENCEPHALITIS

090.42 CONGENITAL SYPHILITIC MENINGITIS

090.49 OTHER

090.9 CONGENITAL SYPHILIS, UNSPECIFIED

NEOPLASMS

NEUROFIBROMATOSIS

237.70 NEUROFIBROMATOSIS, UNSPECIFIED

237.71 NEUROFIBROMATOSIS, TYPE 1 [VON RECKLINGHAUSEN'S DISEASE]

237.72 NEUROFIBROMATOSIS, TYPE 2 [ACOUSTIC NEUROFIBROMATOSIS]

ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS

243 CONGENITAL HYPOTHYROIDISM
Congenital thyroid insufficiency
Cretinism (athyrotic) (endemic)
Use additional code, of desired, to identify associated mental retardation
Excludes: congenital (dyshormonogenic) goiter (246.1)

252.1 HYPOPARATHYROIDISM
Parathyroiditis (autoimmune)
Tetany:
parathyroid
parathyroprival
Excludes: pseudohypoparathyroidism (275.4)
pseudopseudohypoparathyroidism (275.4)
tetany NOS (781.7)
transitory neonatal hypoparathyroidism (775.4)

253.2 PANHYPOPITUITARISM
Cachexia, pituitary
Necrosis of pituitary (postpartum)
Pituitary insufficiency NOS
Sheehan's syndrome
Simmonds' disease
Excludes: iatrogenic hypopituitarism (253.7)

253.8 OTHER DISORDERS OF THE PITUITARY AND OTHER SYNDROMES OF DIENCEPHALOHYPOPHYSEAL ORIGIN
Abscess of pituitary
Adiposogenital dystrophy
Cyst of Rathke's pouch
Fröhlich's Syndrome
Excludes: craniopharyngioma (237.0)

255.2 ADRENOGENITAL DISORDERS
Adrenogenital syndromes, virilizing or feminizing, whether acquired or associated with congenital adrenal hyperplasia consequent on inborn enzyme defects in hormone synthesis
Achard-Thiers syndrome
Congenital adrenal hyperplasia
Female adrenal pseudohermaphroditism
Male: macrogenitosomia praecox
sexual precocity with adrenal hyperplasia
Virilization (female) (suprarenal)
Excludes: adrenal hyperplasia due to excess ACTH (255.0)
isosexual virilization (256.4)

255.8 OTHER SPECIFIED DISORDERS OF ADRENAL GLANDS
Abnormality of cortisol-binding globulin

257.8 OTHER TESTICULAR DYSFUNCTION
Goldberg-Maxwell syndrome
Male pseudohermaphroditism with testicular feminization
Testicular feminization

259.4 DWARFISM, NOT ELSEWHERE CLASSIFIED
Dwarfism: NOS
constitutional
Excludes: dwarfism:
achondroplastic (756.4)
intrauterine (759.7)
nutritional (263.2)
pituitary (253.3)
renal (588.0)
progeria (259.8)

DISORDERS OF AMINO-ACID TRANSPORT AND METABOLISM
Excludes: abnormal findings without manifest disease (790.0-796.9)
disorders of purine and pyrimidine metabolism (277.1-277.2)
gout (274.0-274.9)

270.0 DISTURBANCES OF AMINO-ACID TRANSPORT

Cystinosis
Cystinuria
Fanconi (-de Toni) (-Debré) syndrome
Glycinuria (renal)
Hartnup disease

270.1 PHENYLKETONURIA (PKU)

Hyperphenylalaninemia

270.2 OTHER DISTURBANCES OF AROMATIC AMINO-ACID METABOLISM

Albinism
Alkaptonuria
Alkaptonuric ochronosis
Disturbances of metabolism of tyrosine and tryptophan
Homogentisic acid defects
Hydroxykynureninuria
Hypertyrosinemia
Indicanuria
Kynureninase defects
Oasthouse urine disease
Ochronosis
Tyrosinosis
Tyrosinuria
Waardenburg syndrome

Excludes: vitamin B_6-deficiency syndrome (266.1)

270.3 DISTURBANCES OF BRANCHED-CHAIN AMINO-ACID METABOLISM

Disturbances of metabolism of leucine, isoleucine, and valine
Hypervalinemia
Intermittent branched-chain ketonuria
Leucine-induced hypoglycemia
Leucinosis
Maple syrup urine disease

270.4 DISTURBANCES OF SULPHUR-BEARING AMINO-ACID METABOLISM

Cystathioninemia
Cystathioninuria
Disturbances of metabolism of methionine, homocystine and cystathionine
Homocystinuria
Hypermethioninemia
Methioninemia

270.5 DISTURBANCES OF HISTIDINE METABOLISM

Carnosinemia
Histidinemia
Hyperhistidinemia
Imidazole aminoaciduria

270.6 DISORDERS OF UREA CYCLE METABOLISM

Argininosuccinic aciduria
Citrullinemia
Disorders of metabolism of ornithine, citrulline, argininosuccinic acid, arginine, and ammonia
Hyperammonemia
Hyperornithinemia

270.7 OTHER DISTURBANCES OF STRAIGHT-CHAIN AMINO-ACID METABOLISM

Glucoglycinuria
Glycinemia (with methylmalonic acidemia)
Hyperglycinemia
Hyperlysinemia
Pipecolic acidemia
Saccharopinuria
Other disturbances of metabolism of glycine, threonine, serine, glutamine, and lysine

270.8 OTHER SPECIFIED DISORDERS OF AMINO-ACID METABOLISM

Alaninemia
Ethanolaminuria
Glycoprolinuria
Hydroxprolinemia
Hyperprolinemia
Iminoacidopathy
Prolinemia
Prolinuria
Sarcosinemia

270.9 UNSPECIFIED DISORDER OF AMINO-ACID METABOLISM

DISORDERS OF CARBOHYDRATE TRANSPORT AND METABOLISM

Excludes: abnormality of secretion of glucagon (251.4)
diabetes mellitus (250.0-250.9)
hypoglycemia NOS (251.2)
mucopolysaccharidosis (277.5)

271.0 GLYCOGENOSIS

Amylopectinosis
Glucose-6-phosphatase deficiency
Glycogen storage disease
McArdle's disease
Pompe's disease
von Gierke's disease

271.1 GALACTOSEMIA

Galactose-1-phosphate uridyl transferase deficiency
Galactosuria

271.2 HEREDITARY FRUCTOSE INTOLERANCE

Essential benign fructosuria
Fructosemia

271.3 INTESTINAL DISACCHARIDASE DEFICIENCIES AND DISACCHARIDE MALABSORPTION

Intolerance or malabsorption (congenital) (of):
glucose-galactose
lactose
sucrose-isomaltose

271.4 RENAL GLYCOSURIA

Renal diabetes

271.8 OTHER SPECIFIED DISORDERS OF CARBOHYDRATE TRANSPORT AND METABOLISM

Essential benign pentosuria
Fucosidosis
Glycolic aciduria
Hyperoxaluria (primary)
Mannosidosis
Oxalosis
Xylosuria
Xylulosuria

271.9 UNSPECIFIED DISORDER OF CARBOHYDRATE TRANSPORT AND METABOLISM

DISORDER OF LIPOID METABOLISM

Excludes: localized cerebral lipidoses (330.1)

272.0 PURE HYPERCHOLESTEROLEMIA

Familial hypercholesterolemia
Fredrickson Type IIa hyperlipoproteinemia
Hyperbetalipoproteinemia
Hyperlipidemia, Group A
Low-density-lipoid-type (LDL) hyperlipoproteinemia

272.1 PURE HYPERGLYCERIDEMIA

Endogenous hyperglyceridemia
Fredrickson Type IV hyperlipoproteinemia
Hyperlipidemia, Group B
Hyperprebetalipoproteinemia
Hypertriglyceridemia, essential
Very-low-density-lipoid-type (VLDL) hyperlipoproteinemia

272.2 MIXED HYPERLIPIDEMIA

Broad-or floating-betalipoproteinemia
Type IIb or III hyperlipoproteinemia
Hypercholesterolemia with endogenous hyperglyceridemia
Hyperbetalipoproteinemia with prebetalipoproteinemia
Tubo-eruptive xanthoma
Xanthoma tuberosum

272.3 HYPERCHYLOMICRONEMIA

Burger-Grütz syndrome
Fredrickson type I or V hyperlipoproteinemia
Hyperlipidemia, Group D
Mixed hyperglyceridemia

272.4 OTHER AND UNSPECIFIED HYPERLIPIDEMIA

Alpha-lipoproteinemia
Combined hyperlipidemia
Hyperlipidemia NOS
Hyperlipoproteinemia NOS

272.5 LIPOPROTEIN DEFICIENCIES

Abetalipoproteinemia
Bassen-Kornzweig syndrome
High-density lipoid deficiency
Hypoalphalipoproteinemia
Hypobetalipoproteinemia (familial)

272.6 LIPODYSTROPHY

Barraquer-Simons disease
Progressive lipodystrophy
Excludes: intestinal lipodystrophy (040.2)

272.7 LIPIDOSES

Chemically-induced lipidosis
Disease:
- Anderson's
- Fabry's
- Gaucher's
- I cell (mucolipidosis I)
- lipoid storage NOS
- Niemann-Pick
- pseudo-Hurler's or mucolipidosis III

Disease:
- triglyceride storage, Type I or II
- Wolman's or triglyceride storage, Type III

Mucolipidosis II
Primary familial xanthomatosis

Excludes: cerebral lipidoses (330.1)
Tay-Sachs disease (330.1)

272.8 OTHER DISORDERS OF LIPOID METABOLISM

Hoffa's disease or liposynovitis prepatellaris
Launois-Bensaude's lipomatosis
Lipoid dermatoarthritis

272.9 UNSPECIFIED DISORDER OF LIPOID METABOLISM

DISORDERS OF PLASMA PROTEIN METABOLISM

Excludes: agammaglobulinemia and hypogammaglobulinemia (279.0-279.2)
coagulation defects (286.0-286.9)
hereditary hemolytic anemias (282.0-282.9)

273.0 POLYCLONAL HYPERGAMMAGLOBULINEMIA

Hypergammaglobulinemic purpura:
- benign primary
- Waldenström's

273.1 MONOCLONAL PARAPROTEINEMIA

Benign monoclonal hypergammaglobulinemia (BMH)
Monoclonal gammopathy:
- NOS
- associated with lymphoplasmacytic dyscracias
- benign

Paraproteinemia:
- benign (familial)
- secondary to malignant or inflammatory disease

273.2 OTHER PARAPROTEINEMIAS

Cryoglobulinemic: Mixed cryoglobulinemia
- purpura
- vasculitis

273.3 MACROGLOBULINEMIA

Macroglobulinemia (idiopathic) (primary)
Waldenström's macroglobulinemia

273.8 OTHER DISORDERS OF PLASMA PROTEIN METABOLISM

Abnormality of transport protein
Bisalbuminemia

273.9 UNSPECIFIED DISORDER OF PLASMA PROTEIN METABOLISM

275.3 DISORDERS OF PHOSPHORUS METABOLISM

Familial hypophosphatemia
Hypophosphatasia
Vitamin D-resistant:
- osteomalacia
- rickets

277 OTHER AND UNSPECIFIED DISORDERS OF METABOLISM

277.0 CYSTIC FIBROSIS
Fibrocystic disease of the pancreas
Mucoviscidosis
DEF: Generalized, genetic disorder of infants, children, and young adults marked by exocrine gland dysfunction; characterized by chronic pulmonary disease with excess mucus production pancreatic deficiency, high levels of electrolytes in the sweat.

277.00 CYSTIC FIBROSIS WITHOUT MENTION OF MECONIUM ILEUS

277.01 CYSTIC FIBROSIS WITH MECONIUM ILEUS
Meconium: ileus (of newborn)
obstruction of intestine in mucoviscidosis

277.02 With pulmonary manifestations
Cystic fibrosis with pulmonary exacerbation
Use additional code to identify any infectious organism present, such as: pseudomonas (041.7)

277.03 With gastrointestional manifestations
Excludes *with meconium ilius* (277.01)

277.09 With other manifestations

277.1 DISORDERS OF PORPHYRIN METABOLISM
Hematoporphyria
Hematoporphyrinuria
Hereditary coproporphyria
Porphyria
Porphyrinuria
Protocoproporphyria
Protoporphyria
Pyrroloporphyria

277.2 OTHER DISORDERS OF PURINE AND PYRIMIDINE METABOLISM
Hypoxanthine-guanine-phosphoribosyltransferase deficiency (HG-PRT deficiency)
Lesch-Nyhan syndrome
Xanthinuria
Excludes: gout (274.0-274.9)
orotic aciduric anemia (281.4)

277.3 AMYLOIDOSIS
Amyloidosis: NOS
inherited systemic
nephropathic
neuropathic (Portuguese) (Swiss)
secondary
Benign paroxysmal peritonitis
Familial Mediterranean fever
Hereditary cardiac amyloidosis

277.4 DISORDERS OF BILIRUBIN EXCRETION
Hyperbilirubinemia:
congenital
constitutional
Syndrome:
Crigler-Najjar
Dubin-Johnson
Gilbert's
Rotor's
Excludes: hyperbilirubinemias specific to the perinatal period (774.0-774.7)

277.5 MUCOPOLYSACCHARIDOSIS
Gargoylism
Hunter's syndrome
Hurler's syndrome
Lipochondrodystrophy
Maroteaux-Lamy syndrome
Morquio-Brailsford disease
Osteochondrodystrophy
Sanfilippo's syndrome
Scheie's syndrome

277.6 OTHER DEFICIENCIES OF CIRCULATING ENZYMES
Alpha 1-antitrypsin deficiency
Hereditary angioedema

277.8 OTHER SPECIFIED DISORDERS OF METABOLISM
Hand-Schuller-Christian disease
Histiocytosis (acute) (chronic)
Histiocytosis X (chronic)
Excludes: Histiocytosis: acute differentiated progressive (202.5)
X, acute (progressive) (202.5)

277.9 UNSPECIFIED DISORDER OF METABOLISM
Enzymopathy NOS

279.11 DIGEORGE'S SYNDROME
Pharyngeal pouch syndrome
Thymic hypoplasia

279.2 COMBINED IMMUNITY DEFICIENCY
Agammaglobulinemia: Autosomal recessive
Swiss-type
x-linked recessive
Severe combined immunodeficiency (SCID)
Thymic: Alymphoplasia
aplasia or dysplasia with immunodeficiency
Excludes: thymic hypoplasia (279.11)

DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS

HEREDITARY HEMOLYTIC ANEMIAS

282.0 HEREDITARY SPHEROCYTOSIS
- Acholuric (familial) jaundice
- Congenital hemolytic anemia (spherocytic)
- Congenital spherocytosis
- Minkowski-Chauffard syndrome
- Spherocytosis (familial)
- Excludes: hemolytic anemia of newborn (773.0-773.5)

282.1 HEREDITARY ELLIPTOCYTOSIS
- Elliptocytosis (congenital)
- Ovalocytosis (congenital) (hereditary)

282.2 ANEMIAS DUE TO DISORDERS OF GLUTATHIONE METABOLISM
- Anemia:
  - 6-phosphogluconic dehydrogenase deficiency
  - enzyme deficiency, drug-induced
  - erythrocytic glutathione deficiency
  - glucose-6-phosphate dehydrogenase (G-6-PD) deficiency
  - glutathione-reductase deficiency
  - hemolytic nonspherocytic (hereditary), type I
- Disorder of pentose phosphate pathway
- Favism

282.3 OTHER HEMOLYTIC ANEMIAS DUE TO ENZYME DEFICIENCY
- Anemia: hemolytic nonspherocytic (hereditary), type II
  - hexokinase deficiency
  - pyruvate kinase (PK) deficiency
  - triosephosphate isomerase deficiency

282.4 THALASSEMIAS
- Cooley's anemia
- Hereditary leptocytosis
- Mediterranean anemia (with other hemoglobinopathy)
- Microdrepanocytosis
- Sickle-cell thalassemia
- Thalassemia (alpha) (beta) (intermedia) (major) (minima) (minor) (mixed) (trait) (with other hemoglobinopathy)
- Thalassemia-Hb-S disease
- Excludes: sickle-cell: anemia (282.60-282.69)
  - trait (282.5)

282.5 SICKLE-CELL TRAIT
- Hb-AS genotype
- Hemoglobin S (Hb-S) trait
- Heterozygous: hemoglobin S
- Hb-S
- Excludes: that with other hemoglobinopathy (282.60-282.69)
  - that with thalassemia (282.4)

SICKLE-CELL ANEMIA
- Excludes: sickle-cell thalassemia (282.4)
  - sickle-cell trait (282.5)

282.60 SICKLE-CELL ANEMIA, UNSPECIFIED

282.61 HB-S DISEASE WITHOUT MENTION OF CRISIS

282.62 HB-S DISEASE WITH MENTION OF CRISIS
- Sickle-cell crisis, NOS

282.63 SICKLE-CELL/HB-C DISEASE
- Hb-S/Hb-C disease

282.69 OTHER
- Disease: Hb-S/Hb-D
- Hb-S/Hb-E
- Disease: Sickle-cell/Hb-D
- Sickle-cell/Hb-E

282.7 OTHER HEMOGLOBINOPATHIES

Abnormal hemoglobin NOS
Congenital Heinz-body anemia
Disease: Hb-Bart's
hemoglobin C (Hb-C)
hemoglobin D (Hb-D)
hemoglobin E (Hb-E)
hemoglobin Zurich (Hb-Zurich)
Hemoglobinopathy NOS
Hereditary persistence of fetal hemoglobin (HPFH)
Unstable hemoglobin hemolytic disease
Excludes: familial polycythemia (289.6)
hemoglobin M (Hb-M) disease (289.7)
high-oxygen-affinity hemoglobin (289.0)

282.8 OTHER SPECIFIED HEREDITARY HEMOLYTIC ANEMIAS

Stomatocytosis

282.9 HEREDITARY HEMOLYTIC ANEMIA, UNSPECIFIED

Hereditary hemolytic anemia NOS

APLASTIC ANEMIA

284.0 CONSTITUTIONAL APLASTIC ANEMIA

Aplasia (pure) red cell:
congenital
of infants
primary
Blackfan-Diamond syndrome
Familial hypoplastic anemia
Fanconi's anemia
Pancytopenia with malformations

COAGULATION DEFECTS

286.0 CONGENITAL FACTOR VIII DISORDER

Antihemophilic globulin (AHG) deficiency
Factor VIII (functional) deficiency
Hemophilia:
NOS
A
classical
familial
hereditary
Subhemophilia
Excludes: factor VIII deficiency under vascular defect (286.4)

286.1 CONGENITAL FACTOR IX DISORDER

Christmas disease
Deficiency: factor IX (functional)
plasma thromboplastin component (PTC)
Hemophilia B

286.2 CONGENITAL FACTOR XI DEFICIENCY

Hemophilia C
Plasma thromboplastin antecedent (PTA) deficiency
Rosenthal's disease

286.3 CONGENITAL DEFICIENCY OF OTHER CLOTTING FACTORS

Congenital afibrinogenemia
Deficiency:
AC globulin factor:
I (fibrinogen)
II (prothrombin)
V (labile)
VII (stable)
X (Stuart-Prower)
XII (Hageman)
XIII (fibrin stabilizing)
Deficiency:
Laki-Lorand factor
proaccelerin
Disease:
Owren's
Stuart-Prower
Dysfibrinogenemia (congenital)
Dysprothrombinemia (constitutional)
Hypoproconvertinemia
Hypoprothrombinemia (hereditary)
Parahemophilia

286.4 VON WILLEBRAND'S DISEASE

Angiohemophilia (A) (B)
Constitutional thrombopathy
Factor VIII deficiency with vascular defect
Pseudohemophilia type B
Vascular hemophilia
von Willebrand's (-Jürgens') disease
Excludes: factor VIII deficiency:
NOS (286.0)
with functional defect (286.0)
hereditary capillary fragility (287.8)

286.6 DEFIBRINATION SYNDROME

Afibrinogenemia, acquired
Consumption coagulopathy
Diffuse or disseminated intravascular coagulation
(DIC syndrome)
Fibrinolytic hemorrhage, acquired
Hemorrhagic fibrinogenolysis
Pathologic fibrinolysis
Purpura: fibrinolytic
fulminans
Excludes: that complicating:
abortion (634-638 with .1, 639.1)
pregnancy or the puerperium (641.3, 666.3)
disseminated intravascular coagulation in newborn (776.2)

286.9 OTHER AND UNSPECIFIED COAGULATION DEFECTS

Defective coagulation NOS
Deficiency, coagulation factor NOS
Delay, coagulation
Disorder: coagulation
hemostasis
Prolonged: bleeding time NOS
coagulation time NOS
Excludes: hemorrhagic disease of newborn (776.0)
that complicating: abortion (634-638 with .1, 639.1)
pregnancy or the puerperium (641.3, 666.3)

287.3 PRIMARY THROMBOCYTOPENIA

Evan's syndrome
Megakaryocytic hypoplasia
Purpura, thrombocytopenic
congenital
hereditary
idiopathic
Thrombocytopenia:
congenital
hereditary
primary
Tidal platelet dysgenesis
Excludes: thrombotic thrombocytopenic purpura (446.6)
transient thrombocytopenia of newborn (776.1)
Note: Do not report congenital thrombocytopenia (if less than six months)

DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS

330.1 CEREBRAL LIPIDOSES
- Amaurotic (familial) idiocy
- Disease:
  - Batten
  - Jansky-Bielschowsky
  - Kufs'
  - Speilmeyer-Vogt
  - Tay-Sachs
- Gangliosidosis

331.7 CEREBRAL DEGENERATION IN DISEASES CLASSIFIED ELSEWHERE
- Code also underlying disease as:
  - cerebrovascular disease (430-438)
  - congenital hydrocephalus (741.0, 742.3)
  - neoplastic disease (140.0-239.9)
  - myxedema (244.0-244.9)
  - vitamin B_{12} deficiency (266.2)
- Excludes: cerebral degeneration in:
  - Jakob-Creutzfeldt disease (046.1)
  - progressive multifocal leukoencephalopathy (046.3)
  - subacute spongiform encephalopathy (046.2)

331.89 OTHER CEREBRAL DEGENERATION
- Cerebral ataxia

331.9 CEREBRAL DEGENERATION, UNSPECIFIED

334.1 HEREDITARY SPASTIC PARAPLEGIA

334.2 PRIMARY CEREBELLAR DEGENERATION
- Cerebellar ataxia:
  - Marie's
  - Sanger-Brown
- Dyssynergia cerebellaris myoclonica
- Primary cerebellar degeneration:
  - NOS
  - hereditary
  - sporadic

335.0 WERDNIG-HOFFMANN DISEASE
- Infantile spinal muscular atrophy
- Progressive muscular atrophy of infancy

337.9 UNSPECIFIED DISORDER OF AUTONOMIC NERVOUS SYSTEM

INFANTILE CEREBRAL PALSY
- Includes: cerebral:
  - palsy NOS
  - spastic infantile paralysis
- congenital spastic paralysis (cerebral)
- Little's disease
- paralysis (spastic) due to birth injury:
  - intracranial
  - spinal
- Excludes: hereditary cerebral paralysis, such as:
  - hereditary spastic paraplegia (334.1)
  - Vogt's disease (333.7)
- spastic paralysis specified as noncongenital or noninfantile (344.0-344.9)

343.0 DIPLEGIC
- Congenital diplegia
- Congenital paraplegia

343.1 HEMIPLEGIC
- Congenital hemiplegia
- Excludes: infantile hemiplegia NOS (343.4)

343.2 QUADRIPLEGIC
- Tetraplegic

343.3 MONOPLEGIC

343.4 INFANTILE HEMIPLEGIA
- Infantile hemiplegia (postnatal) NOS

343.8 OTHER SPECIFIED INFANTILE CEREBRAL PALSY

343.9 INFANTILE CEREBRAL PALSY, UNSPECIFIED
- Cerebral palsy NOS

345.6 INFANTILE SPASMS
- Hypsarrhythmia
- Lightning spasms
- Salaam attacks
- Excludes: salaam tic (781.0)

348.0 CEREBRAL CYSTS
- Arachnoid cyst
- Porencephalic cyst
- Porencephaly, acquired
- Pseudoporencephaly
- Excludes: porencephaly (congenital) (742.4)

352.6 MULTIPLE CRANIAL NERVE PALSIES
Collet-Sicard syndrome Polyneuritis cranialis

HEREDITARY AND IDIOPATHIC PERIPHERAL NEUROPATHY
356.0 HEREDITARY PERIPHERAL NEUROPATHY
Déjérine-Sottas disease
356.1 PERONEAL MUSCLE ATROPHY
Charcot-Marie-Tooth disease
Neuropathic muscular atrophy
356.2 HEREDITARY SENSORY NEUROPATHY
356.3 REFSUM'S DISEASE
Heredopathia atactica polyneuritiformis
356.4 IDIOPATHIC PROGRESSIVE POLYNEUROPATHY
356.8 OTHER SPECIFIED IDIOPATHIC PERIPHERAL NEUROPATHY
Supranuclear paralysis
356.9 UNSPECIFIED PERIPHERAL NEUROPATHY
358.0 MYASTHENIA GRAVIS
358.1 MYASTHENIC SYNDROMES IN DISEASES CLASSIFIED ELSEWHERE
Amyotrophy
Eaton-Lambert syndrome
358.2 TOXIC MYONEURAL DISORDERS
358.8 OTHER SPECIFIED MYONEURAL DISORDERS
Note: Includes hypotonia, benign, congenital
358.9 MYONEURAL DISORDERS, UNSPECIFIED

MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES
Excludes: idiopathic polymyositis (710.4)
359.0 CONGENITAL HEREDITARY MUSCULAR DYSTROPHY
Benign congenital myopathy
Central core disease
Centronuclear myopathy
Myotubular myopathy
Nemaline body disease
Excludes: arthrogryposis multiplex congenita (754.89)
359.1 HEREDITARY PROGRESSIVE MUSCULAR DYSTROPHY
Muscular dystrophy:
NOS
distal
Duchenne
Erb's
fascioscapulohumeral
Muscular dystrophy:
Gower's
Landouzy-Déjérine
limb-girdle
ocular
oculopharyngeal
359.2 MYOTONIC DISORDERS
Dystrophia myotonica
Eulenburg's disease
Myotonia congenita
Paramyotonia congenita
Steinert's disease
Thomsen's disease
359.3 FAMILIAL PERIODIC PARALYSIS
Hypokalemic familial periodic paralysis
359.8 OTHER MYOPATHIES
359.9 MYOPATHY, UNSPECIFIED

OTHER PROLIFERATIVE RETINOPATHY
362.21 RETROLENTAL FIBROPLASIA
362.29 OTHER NONDIABETIC PROLIFERATIVE RETINOPATHY

PERIPHERAL RETINAL DEGENERATION
Excludes: hereditary retinal degeneration (dystrophy (362.70-362.77)
retinal degeneration with retinal defect (361.00-361.07)
362.60 PERIPHERAL RETINAL DEGENERATION, UNSPECIFIED
362.61 PAVING STONE DEGENERATION
362.62 MICROCYSTOID DEGENERATION
Blessig's cysts Iwanoff's cysts
362.63 LATTICE DEGENERATION
Palisade degeneration of the retina
362.64 SENILE RETICULAR DEGENERATION
362.65 SECONDARY PIGMENTARY DEGENERATION
Pseudoretinitis pigmentosa
362.66 SECONDARY VITREORETINAL DEGENERATIONS

363.20 CHORIORETINITIS, UNSPECIFIED
Choroiditis, NOS
Retinitis NOS
Uveitis, posterior NOS

BLINDNESS AND LOW VISION
Excludes: correctable impaired vision due to refractive errors (367.0-367.9)

PROFOUND BLINDNESS, BOTH EYES
369.00 IMPAIRMENT LEVEL NOT FURTHER SPECIFIED
369.01 BETTER EYE - TOTAL IMPAIRMENT
LESSER EYE - TOTAL IMPAIRMENT
369.02 BETTER EYE - NEAR-TOTAL IMPAIRMENT
LESSER EYE - NOT FURTHER SPECIFIED
369.03 BETTER EYE - NEAR-TOTAL IMPAIRMENT
LESSER EYE - TOTAL IMPAIRMENT
369.04 BETTER EYE - NEAR-TOTAL IMPAIRMENT
LESSER EYE - NEAR-TOTAL IMPAIRMENT
369.05 BETTER EYE - PROFOUND IMPAIRMENT
LESSER EYE - NOT FURTHER SPECIFIED
369.06 BETTER EYE - PROFOUND IMPAIRMENT
LESSER EYE - TOTAL IMPAIRMENT
369.07 BETTER EYE - PROFOUND IMPAIRMENT
LESSER EYE - NEAR-TOTAL IMPAIRMENT
369.08 BETTER EYE - PROFOUND IMPAIRMENT
LESSER EYE - PROFOUND IMPAIRMENT

MODERATE OR SEVERE IMPAIRMENT, BETTER EYE, PROFOUND IMPAIRMENT LESSER EYE
369.10 IMPAIRMENT LEVEL NOT FURTHER SPECIFIED
Blindness, one eye, low vision, other eye
369.11 BETTER EYE - SEVERE IMPAIRMENT
LESSER EYE - BLIND, NOT FURTHER SPECIFIED
369.12 BETTER EYE - SEVERE IMPAIRMENT
LESSER EYE - TOTAL IMPAIRMENT
369.13 BETTER EYE - SEVERE IMPAIRMENT
LESSER EYE - NEAR-TOTAL IMPAIRMENT
369.14 BETTER EYE - SEVERE IMPAIRMENT
LESSER EYE - PROFOUND IMPAIRMENT
369.15 BETTER EYE - MODERATE IMPAIRMENT
LESSER EYE - BLIND, NOT FURTHER SPECIFIED
369.16 BETTER EYE - MODERATE IMPAIRMENT
LESSER EYE - TOTAL IMPAIRMENT
369.17 BETTER EYE - MODERATE IMPAIRMENT
LESSER EYE - NEAR-TOTAL IMPAIRMENT
369.18 BETTER EYE - MODERATE IMPAIRMENT
LESSER EYE - PROFOUND IMPAIRMENT

MODERATE OR SEVERE IMPAIRMENT, BOTH EYES
369.20 IMPAIRMENT LEVEL NOT FURTHER SPECIFIED
Low vision, both eyes NOS
369.21 BETTER EYE - SEVERE IMPAIRMENT
LESSER EYE - NOT FURTHER SPECIFIED
369.22 BETTER EYE - SEVERE IMPAIRMENT
LESSER EYE - SEVERE IMPAIRMENT
369.23 BETTER EYE - MODERATE IMPAIRMENT
LESSER EYE - NOT FURTHER SPECIFIED
369.24 BETTER EYE - MODERATE IMPAIRMENT
LESSER EYE - SEVERE IMPAIRMENT
369.25 BETTER EYE - MODERATE IMPAIRMENT
LESSER EYE - MODERATE IMPAIRMENT
369.3 UNQUALIFIED VISUAL LOSS BOTH EYES
369.4 LEGAL BLINDNESS, AS DEFINED IN THE UNITED STATES OF AMERICA

PROFOUND IMPAIRMENT - ONE EYE
369.60 IMPAIRMENT LEVEL NOT FURTHER SPECIFIED
Blindness, one eye
369.61 ONE EYE - TOTAL IMPAIRMENT; OTHER EYE - NOT SPECIFIED
369.62 ONE EYE - TOTAL IMPAIRMENT; OTHER EYE - NEAR-NORMAL
369.63 ONE EYE - TOTAL IMPAIRMENT; OTHER EYE - NORMAL VISION
369.64 ONE EYE - NEAR TOTAL IMPAIRMENT; OTHER EYE - NOT SPECIFIED
369.65 ONE EYE - NEAR TOTAL IMPAIRMENT; OTHER EYE - NEAR-NORMAL VISION
369.66 ONE EYE - NEAR TOTAL IMPAIRMENT; OTHER EYE - NORMAL VISION
369.67 ONE EYE - PROFOUND IMPAIRMENT; OTHER EYE - NOT SPECIFIED
369.68 ONE EYE - PROFOUND IMPAIRMENT; OTHER EYE - NEAR-NORMAL VISION
369.69 ONE EYE - PROFOUND IMPAIRMENT; OTHER EYE - NORMAL VISION

MODERATE OR SEVERE IMPAIRMENT, ONE EYE

369.70 IMPAIRMENT LEVEL NOT FURTHER SPECIFIED
Low vision, one eye

369.71 ONE EYE - SEVERE IMPAIRMENT; OTHER EYE - NOT SPECIFIED

369.72 ONE EYE - SEVERE; OTHER EYE - NEAR-NORMAL VISION

369.73 ONE EYE - SEVERE IMPAIRMENT; OTHER EYE - NORMAL VISION

369.74 ONE EYE - MODERATE IMPAIRMENT; OTHER EYE - NOT SPECIFIED

369.75 ONE EYE - MODERATE IMPAIRMENT; OTHER EYE - NEAR-NORMAL VISION

369.76 ONE EYE - MODERATE IMPAIRMENT; OTHER EYE - NORMAL VISION

369.8 UNQUALIFIED VISUAL LOSS, ONE EYE

369.9 UNSPECIFIED VISUAL LOSS

377.16 HEREDITARY OPTIC ATROPHY
Optic atrophy:
dominant hereditary
Leber's

STRABISMUS AND OTHER DISORDERS OF BINOCULAR EYE MOVEMENTS
Excludes: nystagmus and other irregular eye movements (379.50-379.59)

378.0 ESOTROPIA
Convergent concomitant strabismus
Excludes: intermittent esotropia (378.20-378.22)

378.00 ESOTROPIA, UNSPECIFIED

378.01 MONOCULAR ESOTROPIA

378.02 MONOCULAR ESOTROPIA WITH A PATTERN

378.03 MONOCULAR ESOTROPIA WITH V PATTERN

378.04 MONOCULAR ESOTROPIA WITH OTHER NONCOMITANCIES
Monocular esotropia with X or Y pattern

378.05 ALTERNATING ESOTROPIA

378.06 ALTERNATING ESOTROPIA WITH A PATTERN

378.07 ALTERNATING ESOTROPIA WITH V PATTERN

378.08 ALTERNATING ESOTROPIA WITH OTHER NONCOMITANCIES
Alternating esotropia with X or Y pattern

378.1 EXOTROPIA
Divergent concomitant strabismus
Excludes: intermittent exotropia (378.20, 378.23-378.24)

378.10 EXOTROPIA, UNSPECIFIED

378.11 MONOCULAR EXOTROPIA

378.12 MONOCULAR EXOTROPIA WITH A PATTERN

378.13 MONOCULAR EXOTROPIA WITH V PATTERN

378.14 MONOCULAR EXOTROPIA WITH OTHER NONCOMITANCIES
Monocular exoptropia with X or Y pattern

378.15 ALTERNATING EXOTROPIA

378.16 ALTERNATING EXOTROPIA WITH A PATTERN

378.17 ALTERNATING EXOTROPIA WITH V PATTERN

378.18 ALTERNATING EXOTROPIA WITH OTHER NONCOMITANCIES
Alternating exotropia with X or Y pattern

378.2 INTERMITTENT HETEROTROPIA
Excludes: vertical heterotropia (intermittent) (378.31)

378.20 INTERMITTENT HETEROTROPIA, UNSPECIFIED
Intermittent:
esotropia NOS
exotropia NOS

378.21 INTERMITTENT ESOTROPIA, MONOCULAR

378.22 INTERMITTENT ESOTROPIA, ALTERNATING

378.23 INTERMITTENT EXOTROPIA, MONOCULAR

378.24 INTERMITTENT EXOTROPIA, ALTERNATING

378.3 OTHER AND UNSPECIFIED HETEROTROPIA

378.30 HETEROTROPIA, UNSPECIFIED

378.31 HYPERTROPIA
Vertical heterotropia (constant) (intermittent)

378.32 HYPOTROPIA

378.33 CYCLOTROPIA

378.34 MONOFIXATION SYNDROME
Microtropia

378.35 ACCOMMODATIVE COMPONENT IN ESOTROPIA

378.4 HETEROPHORIA
- **378.40 HETEROPHORIA, UNSPECIFIED**
- **378.41 ESOPHORIA**
- **378.42 EXOPHORIA**
- **378.43 VERTICAL HETEROPHORIA**
- **378.44 CYCLOPHORIA**
- **378.45 ALTERNATING HYPERPHORIA**

378.5 PARALYTIC STRABISMUS
- **378.50 PARALYTIC STRABISMUS, UNSPECIFIED**
- **378.51 THIRD OR OCULOMOTOR NERVE PALSY, PARTIAL**
- **378.52 THIRD OR OCULOMOTOR NERVE PALSY, TOTAL**
- **378.53 FOURTH OR TROCHLEAR NERVE PALSY**
- **378.54 SIXTH OR ABDUCENS NERVE PALSY**
- **378.55 EXTERNAL OPHTHALMOPLEGIA**
- **378.56 TOTAL OPHTHALMOPLEGIA**

378.6 MECHANICAL STRABISMUS
- **378.60 MECHANICAL STRABISMUS, UNSPECIFIED**
- **378.61 BROWN'S (TENDON) SHEATH SYNDROME**
- **378.62 MECHANICAL STRABISMUS FROM OTHER MUSCULOFASCIAL DISORDERS**
- **378.63 LIMITED DUCTION ASSOCIATED WITH OTHER CONDITIONS**

378.7 OTHER SPECIFIED STRABISMUS
- **378.71 DUANE'S SYNDROME**
- **378.72 PROGRESSIVE EXTERNAL OPHTHALMOPLEGIA**
- **378.73 STRABISMUS IN OTHER NEUROMUSCULAR DISORDERS**

378.8 OTHER DISORDERS OF BINOCULAR EYE MOVEMENTS
Excludes: nystagmus (379.50-379.56)
- **378.81 PALSY OF CONJUGATE GAZE**
- **378.82 SPASM OF CONJUGATE GAZE**
- **378.83 CONVERGENCE INSUFFICIENCY OR PALSY**
- **378.84 CONVERGENCE EXCESS OR SPASM**
- **378.85 ANOMALIES OF DIVERGENCE**
- **378.86 INTERNUCLEAR OPHTHALMOPLEGIA**
- **378.87 OTHER DISSOCIATED DEVIATION OF EYE MOVEMENTS**
  Skew deviation

378.9 UNSPECIFIED DISORDER OF EYE MOVEMENTS
Ophthalmoplegia NOS Strabismus NOS

NYSTAGMUS AND OTHER IRREGULAR EYE MOVEMENTS
- **379.50 NYSTAGMUS, UNSPECIFIED**
- **379.51 CONGENITAL NYSTAGMUS**
- **379.52 LATENT NYSTAGMUS**
- **379.53 VISUAL DEPRIVATION NYSTAGMUS**
- **379.54 NYSTAGMUS ASSOCIATED WITH DISORDERS OF THE VESTIBULAR SYSTEM**
- **379.55 DISSOCIATED NYSTAGMUS**
- **379.56 OTHER FORMS OF NYSTAGMUS**
- **379.57 DEFICIENCIES OF SACCADIC EYE MOVEMENTS**
  Abnormal optokinetic response
- **379.58 DEFICIENCIES OF SMOOTH PURSUIT MOVEMENTS**
- **379.59 OTHER IRREGULARITIES OF EYE MOVEMENTS**
  Opsoclonus

389 HEARING LOSS

389.0 CONDUCTIVE HEARING LOSS
Conductive deafness
DEF: Dysfuntion in sound-conducting structures of external or middle ear causing hearing loss.
- **389.00 CONDUCTIVE HEARING LOSS, UNSPECIFIED**
- **389.01 CONDUCTIVE HEARING LOSS, EXTERNAL EAR**
- **389.02 CONDUCTIVE HEARING LOSS, TYMPANIC MEMBRANE**
- **389.03 CONDUCTIVE HEARING LOSS, MIDDLE EAR**
- **389.04 CONDUCTIVE HEARING LOSS, INNER EAR**
- **389.08 CONDUCTIVE HEARING LOSS OF COMBINED TYPES**

389.1 SENSORINEURAL HEARING LOSS
Perceptive hearing loss or deafness
excludes *abnormal auditory perception* (388.40 - 388.44)
Psychogenic deafness (306.7)
DEF: nerve conduction causing hearing loss
- **389.10 SENSORINEURAL HEARING LOSS, UNSPECIFIED**
- **389.11 SENSORY HEARING LOSS**
- **389.12 NEURAL HEARING LOSS**
- **389.14 CENTRAL HEARING LOSS**
- **389.18 SENSORINEURAL HEARING LOSS OF COMBINED TYPES**

389.2 MIXED CONDUCTIVE AND SENSORINEURAL HEARING LOSS
Deafness or hearing loss of type classifiable to 389.0 with type classifiable to 389.1

389.7 DEAF MUITISM

389.8 OTHER SPECIFIED FORMS OF HEARING LOSS

389.9 UNSPECIFIED HEARING LOSS
Deafness, NOS

DISEASES OF THE CIRCULATORY SYSTEM

CARDIOMYOPATHY
Includes: myocardiopathy
425.0 ENDOMYOCARDIAL FIBROSIS
425.1 HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY
Hypertrophic subaortic stenosis (idiopathic)
425.3 ENDOCARDIAL FIBROELASTOSIS
Elastomyofibrosis
425.4 OTHER PRIMARY CARDIOMYOPATHIES
Cardiomyopathy: Cardiomyopathy:
NOS idiopathic
congestive nonobstructive
constrictive obstructive
familial restrictive
hypertrophic Cardiovascular collagenosis

CONDUCTION DISORDERS
426.0 ATRIOVENTRICULAR BLOCK, COMPLETE
Third degree atrioventricular block

ATRIOVENTRICULAR BLOCK, OTHER AND UNSPECIFIED
426.10 ATRIOVENTRICULAR BLOCK, UNSPECIFIED
Atrioventricular (AV) block (incomplete) (partial)
426.11 FIRST DEGREE ATRIOVENTRICULAR BLOCK
Incomplete atrioventricular block, first degree
Prolonged P-R interval NOS
426.12 MOBITZ (type) II ATRIOVENTRICULAR BLOCK
Incomplete atrioventricular block:
Mobitz (type) II
second degree Mobitz (type) II
426.13 OTHER SECOND DEGREE ATRIOVENTRICULAR BLOCK
Incomplete atrioventricular block:
Mobitz (type) I [Wenckebach's]
second degree:
NOS
Mobitz (type) I
with 2:1 atrioventricular response (block)
Wenckebach's phenomenon
426.2 LEFT BUNDLE BRANCH HEMIBLOCK
Block:
left anterior fascicular
left posterior fascicular
426.3 OTHER LEFT BUNDLE BRANCH BLOCK
Left bundle branch block:
NOS
anterior fascicular with posterior fascicular
complete
main stem
426.4 RIGHT BUNDLE BRANCH BLOCK

BUNDLE BRANCH BLOCK, OTHER AND UNSPECIFIED
426.50 BUNDLE BRANCH BLOCK, UNSPECIFIED
426.51 RIGHT BUNDLE BRANCH BLOCK AND LEFT POSTERIOR FASCICULAR BLOCK
426.52 RIGHT BUNDLE BRANCH BLOCK AND LEFT ANTERIOR FASCICULAR BLOCK
426.53 OTHER BILATERAL BUNDLE BRANCH BLOCK
Bifascicular block NOS
Bilateral bundle branch block NOS
Right bundle branch with left bundle branch block (incomplete) (main stem)
426.54 TRIFASCICULAR BLOCK

426.6 OTHER HEART BLOCK

Intraventricular Block:
- NOS
- diffuse
- myofibrillar

- Sinoatrial block
- Sinoauricular block

426.7 ANOMALOUS ATRIOVENTRICULAR EXCITATION

Atrioventricular conduction:
- accelerated
- accessory
- pre-excitation

Ventricular pre-excitation
Wolff-Parkinson-White syndrome

OTHER SPECIFIED CONDUCTION DISORDERS

426.81 LOWN-GANONG-LEVINE SYNDROME

Syndrome of short P-R interval, normal QRS complexes and supraventricular tachycardias

426.89 OTHER

Dissociation:
- atrioventricular (AV)
- interference
- isorhythmic

Nonparoxysmal AV nodal tachycardia

426.9 CONDUCTION DISORDER, UNSPECIFIED

Heart block NOS
Stokes-Adams syndrome

CARDIAC DYSRHYTHMIAS

Excludes: postoperative (997.1)
that complicating:
- abortion (634-638 with .7, 639.8)
- ectopic or molar pregnancy (639.8)
- labor or delivery (668.1, 669.4)

427.0 PAROXYSMAL SUPRAVENTRICULAR TACHYCARDIA

Paroxysmal tachycardia:
- atrial (PAT)
- atrioventricular (AV)
- junctional
- nodal

427.1 PAROXYSMAL VENTRICULAR TACHYCARDIA

Ventricular tachycardia (paroxysmal)

427.2 PAROXYSMAL TACHYCARDIA, UNSPECIFIED

Bouveret-Hoffmann syndrome
Paroxysmal tachycardia:
- NOS
- essential

ATRIAL FIBRILLATION AND FLUTTER

427.31 ATRIAL FIBRILLATION
427.32 ATRIAL FLUTTER

VENTRICULAR FIBRILLATION AND FLUTTER

427.41 VENTRICULAR FIBRILLATION
427.42 VENTRICULAR FLUTTER

OTHER SPECIFIED CARDIAC DYSRHYTHMIAS

427.81 SINOATRIAL NODE DYSFUNCTION

Sinus bradycardia:
- persistent
- severe

Syndrome:
- sick sinus
- tachycardia-bradycardia

Excludes: sinus bradycardia NOS (427.89)

427.89 OTHER

Rhythm disorder:
- coronary sinus
- ectopic
- nodal

Wandering (atrial) pacemaker

Excludes:
- carotid sinus syncope (337.0)
- reflex bradycardia (337.0)
- tachycardia NOS (785.0)

427.9 CARDIAC DYSRHYTHMIA, UNSPECIFIED

Arrhythmia (cardiac) NOS

OCCLUSION OF CEREBRAL ARTERY

434.0 CEREBRAL THROMBOSIS

Thrombosis of cerebral arteries

434.1 CEREBRAL EMBOLISM

434.9 CEREBRAL ARTERY OCCLUSION, UNSPECIFIED

Cerebral infarction NOS

453.0 BUDD-CHIARI SYNDROME

Hepatic vein thrombosis

DISEASES OF THE DIGESTIVE SYSTEM

TOOTH DEVELOPMENT/ERUPTION DISORDERS

520.0 ANODONTIA
Absence of teeth (complete) (congenital) (partial)
Hypodontia
Oligodontia
Excludes: acquired absence of teeth (525.1)

520.1 SUPERNUMERARY TEETH
Distomolar
Fourth molar
Mesiodens
Paramolar
Supplemental teeth
Excludes: supernumerary roots (520.2)

520.2 ABNORMALITIES OF SIZE AND FORM
Concrescence of teeth
Fusion of teeth
Germination of teeth
Dens evaginatus
Dens in dente
Dens invaginatus
Enamel pearls
Macrodontia
Microdontia
Peg-shaped (conical) teeth
Supernumerary roots
Taurodontism
Tuberculum paramolare
Excludes: that due to congenital syphilis (090.5)
tuberculum Carabelli, which is regarded as a normal variation

520.4 DISTURBANCES OF TOOTH FORMATION
Aplasia and hypoplasia of cementum
Dilacerations of tooth
Enamel hypoplasia (neonatal) (postnatal) (prenatal)
Horner's teeth
Hypocalcification of teeth
Regional odontodysplasia
Turner's tooth
Excludes: Hutchinson's teeth and mulberry molars in congenital syphilis (090.5) mottled teeth (520.3)

520.5 HEREDITARY DISTURBANCES IN TOOTH STRUCTURE, NOT ELSEWHERE CLASSIFIED
Amelogenesis imperfecta
Dentinogenesis imperfecta
Odontogenesis imperfecta
Dentinal dysplasia
Shell teeth

520.8 OTHER SPECIFIED DISORDERS OF TOOTH DEVELOPMENT AND ERUPTION
Color changes during tooth formation
Pre-eruptive color changes
Excludes: posteruptive color changes (521.7)

520.9 UNSPECIFIED DISORDER OF TOOTH DEVELOPMENT AND ERUPTION

DENTOFACIAL ANOMALIES, INCLUDING MALOCCLUSION
MAJOR ANOMALIES OF JAW SIZE
Hyperplasia, hypoplasia: mandibular
maxillary
Macrognathism (mandibular) (maxillary)
Micrognathism (mandibular) (maxillary)
Excludes: hemifacial atrophy or hypertrophy (754.0)
unilateral condylar hyperplasia or hypoplasia of mandible (526.89)

524.00 UNSPECIFIED ANOMALY
524.01 MAXILLARY HYPERPLASIA
524.02 MANDIBULAR HYPERPLASIA
524.03 MAXILLARY HYPOPLASIA
524.04 MANDIBULAR HYPOPLASIA
524.05 MACROGENIA
524.06 MICROGENIA
524.09 OTHER SPECIFIED ANOMALY

ANOMALIES OF RELATIONSHIP OF JAW TO CRANIAL BASE
524.10 UNSPECIFIED ANOMALY
Prognathism
Retrognathism
524.11 MAXILLARY ASYMMETRY
524.12 OTHER JAW ASYMMETRY
524.19 OTHER SPECIFIED ANOMALY

537.1 GASTRIC DIVERTICULUM
Excludes: congenital diverticulum of stomach (750.7)

INGUINAL HERNIA
Includes: bubonocele
inguinal hernia (direct) (double) (indirect) (oblique) (sliding)
scrotal hernia

INGUINAL HERNIA, WITH GANGRENE, WITH OBSTRUCTION
Inguinal hernia with gangrene (and obstruction)
550.00 INGUINAL HERNIA, UNILATERAL OR UNSPECIFIED (NOT SPECIFIED AS RECURRENT)
Unilateral NOS
550.01 INGUINAL HERNIA, UNILATERAL OR UNSPECIFIED, RECURRENT
550.02 INGUINAL HERNIA, BILATERAL (NOT SPECIFIED AS RECURRENT)
Bilateral NOS
550.03 INGUINAL HERNIA, BILATERAL, RECURRENT

INGUINAL HERNIA, WITH OBSTRUCTION, WITHOUT MENTION OF GANGRENE
Inguinal hernia with mention of incarceration, irreducibility, or strangulation
550.10 INGUINAL HERNIA, UNILATERAL OR UNSPECIFIED (NOT SPECIFIED AS RECURRENT)
Unilateral NOS
550.11 INGUINAL HERNIA, UNILATERAL OR UNSPECIFIED, RECURRENT
550.12 INGUINAL HERNIA, BILATERAL (NOT SPECIFIED AS RECURRENT)
Bilateral NOS
550.13 INGUINAL HERNIA, BILATERAL, RECURRENT

INGUINAL HERNIA WITHOUT MENTION OF OBSTRUCTION OR GANGRENE
Inguinal hernia NOS
550.90 INGUINAL HERNIA, UNILATERAL OR UNSPECIFIED (NOT SPECIFIED AS RECURRENT)
Unilateral NOS
550.91 INGUINAL HERNIA, UNILATERAL OR UNSPECIFIED, RECURRENT
550.92 INGUINAL HERNIA, BILATERAL (NOT SPECIFIED AS RECURRENT)
Bilateral NOS
550.93 INGUINAL HERNIA, BILATERAL, RECURRENT

OTHER ABDOMINAL HERNIA, WITHOUT MENTION OF OBSTRUCTION OR GANGRENE
Excludes: the listed condition with mention of: gangrene (and obstruction) (551.0-551.9)
obstruction (552.0-552.9)

FEMORAL HERNIA
553.00 UNILATERAL OR UNSPECIFIED (NOT SPECIFIED AS RECURRENT)
Femoral hernia NOS
553.01 UNILATERAL OR UNSPECIFIED, RECURRENT
553.02 BILATERAL (NOT SPECIFIED AS RECURRENT)
553.03 BILATERAL, RECURRENT

553.1 UMBILICAL HERNIA
Parumbilical hernia
Note: Do not report simple umbilical hernia covered by skin

VENTRAL HERNIA
553.20 VENTRAL, UNSPECIFIED
553.29 OTHER
Hernia: epigastric
spigelian

553.3 DIAPHRAGMATIC HERNIA
Hernia: hiatal (esophageal) (sliding)
paraesophageal
Thoracic stomach
Excludes: congenital: diaphragmatic hernia (756.6)
hiatal hernia (750.6)
esophagocele (530.6)

553.8 HERNIA OF OTHER SPECIFIED SITES
Hernia: ischiatic
ischiorectal
lumbar
obturator
pudendal
Hernia: retroperitoneal
sciatic
Other abdominal hernia of specified site
Excludes: vaginal enterocele (618.6)

553.9 HERNIA OF UNSPECIFIED SITE
Enterocele
Epiplocele
Hernia:
NOS
interstitial
Hernia:
intestinal
intra-abdominal
Rupture (nontraumatic)
Sarcoepiplocele

560.2 VOLVULUS OF INTESTINE

Knotting }
Strangulation } of intestine, bowel, or colon
Torsion }
Twist }

560.9 UNSPECIFIED INTESTINAL OBSTRUCTION

Enterostenosis
Obstruction }
Occlusion } of intestine or colon
Stenosis }
Stricture }
Excludes: congenital stricture or stenosis of intestine (751.1-751.2)

565.1 ANAL FISTULA

Fistula: anorectal
rectal
rectum to skin
Excludes: fistula of rectum to internal organs
ischiorectal fistula (566)
rectovaginal fistula (619.1)

569.2 STENOSIS OF RECTUM AND ANUS

Stricture of anus (sphincter)

569.81 INTESTINAL FISTULA, EXCLUDING RECTUM AND ANUS

Fistula: abdominal wall
enterocolic
Fistula: enteroenteric
ileorectal
Excludes: fistula of intestine to internal organs

DISEASES OF THE GENITOURINARY SYSTEM

593.3 STRICTURE OR KINKING OF URETER
Angulation } of ureter (postoperative)
Constriction }
Stricture of pelviureteric junction

593.5 HYDROURETER
Excludes: congenital hydroureter (753.22)
hydroureteronephrosis (591)

593.82 URETERAL FISTULA
Intestinoureteral fistula
Excludes: fistula between ureter and female genital tract (619.0)

596.1 INTESTINOVESICAL FISTULA
Fistula: enterovesical, vesicocolic, vesicoenteric, vesicorectal

596.2 VESICAL FISTULA, NOT ELSEWHERE CLASSIFIED
Fistula: bladder NOS, urethrovesical, vesicocutaneous, vesicoperineal
Excludes: fistula between bladder and female genital tract (619.0)

598.9 URETHRAL STRICTURE, UNSPECIFED

599.1 URETHRAL FISTULA
Fistula: urethroperineal, urethrorectal, Urinary fistula NOS
Excludes: fistula: urethroscrotal (608.89), urethrovaginal (619.0), urethrovesicovaginal (619.0)

599.6 URINARY OBSTRUCTION, UNSPECIFIED
Obstructive uropathy NOS
Urinary (tract) obstruction NOS
Excludes: obstructive nephropathy NOS (593.89)

FEMALE GENITAL TRACT FISTULA
Excludes: vesicorectal and intestinovesical fistula (596.1)

619.0 URINARY-GENITAL TRACT FISTULA, FEMALE
Fistula: cervicovesical, ureterovaginal, urethrovaginal, urethrovesicovaginal, uteroureteric, uterovesical, vesicocervicovaginal, vesicovaginal

619.1 DIGESTIVE-GENITAL TRACT FISTULA, FEMALE
Fistula: intestinouterine, intestinovaginal, rectovaginal, rectovulval, sigmoidovaginal, uterorectal

619.2 GENITAL TRACT-SKIN FISTULA, FEMALE
Fistula: uterus to abdominal wall, vaginoperineal

619.8 OTHER SPECIFIED FISTULAS INVOLVING FEMALE GENITAL TRACT
Fistula: cervix, cul-de-sac (Douglas'), uterus, vagina

619.9 UNSPECIFED FISTULA INVOLVING FEMALE GENITAL TRACT

COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM

653.7 OTHER FETAL ABNORMALITY CAUSING DISPROPORTION

Conjoined twins
Fetal:
- ascites
- hydrops
- myelomeningocele
- sacral teratoma
- tumor

OTHER PROBLEMS ASSOCIATED WITH AMNIOTIC CAVITY AND MEMBRANES

Excludes: amniotic fluid embolism (673.1)

658.8 OTHER

Amnion nodosum
Amniotic cyst

658.81 OTHER AMNIOTIC CAVITY AND MEMBRANE PROBLEMS

Deliver with or without mention of antipaitum condition

658.83 OTHER AMNIOTIC CAVITY AND MEMBRANE PROBLEMS

Antipaitum condition or complications

DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTING TISSUE

OTHER DISORDERS OF BONE AND CARTILAGE

Excludes:
- bone spur (726.91)
- cartilage of, or loose body in, joint (717.0-717.9, 718.0-718.9)
- giant cell granuloma of jaw (526.3)
- osteitis fibrosa cystica generalistata (252.0)
- osteomalacia (268.2)
- polyostotic fibrous dysplasia of bone (756.54)
- prognathism, retrognathism (524.1)
- xanthomatosis localized to bone (272.7)

733.3 HYPEROSTOSIS OF SKULL

Hyperostosis interna frontalis
Leontiasis ossium

CONGENITAL ANOMALIES

ANENCEPHALUS AND SIMILAR ANOMALIES

740.0 ANENCEPHALUS

Acrania
Amyelencephalus
Hemianencephaly
Hemicephaly

740.1 CRANIORACHISCHISIS

740.2 INIENCEPHALY

SPINA BIFIDA

SPINA BIFIDA
Excludes: spina bifida occulta (756.17)

SPINA BIFIDA WITH HYDROCEPHALUS
Arnold-Chiari syndrome
Any condition classifiable to 741.9 with any condition classifiable to 742.3

741.00 SPINA BIFIDA WITH HYDROCEPHALUS, UNSPECIFIED REGION
741.01 SPINA BIFIDA WITH HYDROCEPHALUS, CERVICAL REGION
741.02 SPINA BIFIDA WITH HYDROCEPHALUS, DORSAL (THORACIC) REGION
741.03 SPINA BIFIDA WITH HYDROCEPHALUS, LUMBAR REGION

SPINA BIFIDA WITHOUT MENTION OF HYDROCEPHALUS
Hydromeningocele (spinal)
Hydromyelocele
Meningocele (spinal)
Meningomyelocele
Myelocele
Myelocystocele
Rachischisis
Spina bifida (aperta)
Syringomyelocele

741.90 SPINA BIFIDA WITHOUT HYDROCEPHALUS, UNSPECIFIED REGION
741.91 SPINA BIFIDA WITHOUT HYDROCEPHALUS, CERVICAL REGION
741.92 SPINA BIFIDA WITHOUT HYDROCEPHALUS, DORSAL REGION
741.93 SPINA BIFIDA WITHOUT HYDROCEPHALUS, LUMBAR REGION

OTHER CONGENITAL NERVOUS SYSTEM ANOMALIES

OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM

742.0 ENCEPHALOCELE

Encephalocystocele
Encephalomyelocele
Hydroencephalocele
Hydromeningocele, cranial
Meningocele, cerebral
Meningoencephalocele

742.1 MICROCEPHALUS

Hydromicrocephaly
Micrencephaly

742.2 REDUCTION DEFORMITIES OF BRAIN

Absence, Agenesis, Aplasia, Hypoplasia } of part of brain
Agyria
Arhinencephaly
Holoprosencephaly
Microgyria

742.3 CONGENITAL HYDROCEPHALUS

Aqueduct of Sylvius: anomaly; obstruction, congenital; stenosis
Atresia of foramina of Magendie and Luschka
Hydrocephalus in newborn
Excludes: hydrocephalus:
- acquired (331.3-331.4)
- due to congenital toxoplasmosis (771.2)
- with any condition classifiable to 741.9 (741.0)

742.4 OTHER SPECIFIED ANOMALIES OF BRAIN

Congenital cerebral cyst
Macroencephaly
Macrogyria
Megalencephaly
Multiple anomalies of brain NOS
Porencephaly
Ulegyria

SPINAL CORD ANOMALY NEC

742.51 DIASTEMATOMYELIA

742.53 HYDROMYELIA

Hydrorhachis

742.59 OTHER

Amyelia
Atelomyelia
Congenital anomaly of spinal meninges
Defective development of cauda equina
Hypoplasia of spinal cord
Myelatelia
Myelodysplasia

742.8 OTHER SPECIFIED ANOMALIES OF NERVOUS SYSTEM

Agenesis of nerve
Displacement of brachial plexus
Familial dysautonomia
Jaw-winking syndrome
Marcus-Gunn syndrome
Riley-Day syndrome
Excludes: neurofibromatosis (237.7)

742.9 UNSPECIFIED ANOMALY OF BRAIN, SPINAL CORD, AND NERVOUS SYSTEM

Anomaly, Congenital: disease, lesion, Deformity } of { brain, nervous system, spinal cord

CONGENITAL EYE ANOMALIES

CONGENITAL ANOMALIES OF EYE

ANOPHTHALMOS

743.00 CLINICAL ANOPHTHALMOS, UNSPECIFIED
Agenesis }
Congenital absence } of eye
Anophthalmos NOS

743.03 CYSTIC EYEBALL, CONGENITAL

743.06 CRYPTOPHTHALMOS

MICROPHTHALMOS

Dysplasia } of eye
Hypoplasia }
Rudimentary eye

743.10 MICROPHTHALMOS, UNSPECIFIED

743.11 SIMPLE MICROPHTHALMOS

743.12 MICROPHTHALMOS ASSOCIATED WITH OTHER ANOMALIES OF EYE AND ADNEXA

BUPHTHALMOS

Glaucoma: Hydrophthalmos
congenital
newborn
Excludes: glaucoma of childhood (365.14)
traumatic glaucoma due to birth injury (767.8)

743.20 BUPHTHALMOS, UNSPECIFIED

743.21 SIMPLE BUPHTHALMOS

743.22 BUPHTHALMOS ASSOCIATED WITH OTHER OCULAR ANOMALIES
Keratoglobus, congenital } associated with
Megalocornea } buphthalmos

CONGENITAL CATARACT AND LENS ANOMALIES

Excludes: infantile cataract (366.00-366.09)

743.30 CONGENITAL CATARACT, UNSPECIFIED

743.31 CAPSULAR AND SUBCAPSULAR CATARACT

743.32 CORTICAL AND ZONULAR CATARACT

743.33 NUCLEAR CATARACT

743.34 TOTAL AND SUBTOTAL CATARACT, CONGENITAL

743.35 CONGENITAL APHAKIA
Congenital absence of lens

743.36 ANOMALIES OF LENS SHAPE
Microphakia Spherophakia

743.37 CONGENITAL ECTOPIC LENS

743.39 OTHER

COLOBOMA AND OTHER ANOMALIES OF ANTERIOR SEGMENT

743.41 ANOMALIES OF CORNEAL SIZE AND SHAPE
Microcornea
Excludes: that associated with buphthalmos (743.22)

743.42 CORNEAL OPACITIES, INTERFERING WITH VISION, CONGENITAL

743.43 OTHER CORNEAL OPACITIES, CONGENITAL

743.44 SPECIFIED ANOMALIES OF ANTERIOR CHAMBER, CHAMBER ANGLE, AND RELATED STRUCTURES
Anomaly: Axenfeld's
Peter's
Rieger's

743.45 ANIRIDIA

743.46 OTHER SPECIFIED ANOMALIES OF IRIS AND CILIARY BODY
Anisocoria, congenital
Atresia of pupil
Coloboma of iris
Corectopia

743.47 SPECIFIED ANOMALIES OF SCLERA

743.48 MULTIPLE AND COMBINED ANOMALIES OF ANTERIOR SEGMENT

743.49 OTHER

CONGENITAL ANOMALIES OF POSTERIOR SEGMENT

743.51 VITREOUS ANOMALIES
Congenital vitreous opacity

743.52 FUNDUS COLOBOMA

743.53 CHORIORETINAL DEGENERATION, CONGENITAL

743.54 CONGENITAL FOLDS AND CYSTS OF POSTERIOR SEGMENT

743.55 CONGENITAL MACULAR CHANGES

743.56 OTHER RETINAL CHANGES, CONGENITAL

743.57 SPECIFIED ANOMALIES OF OPTIC DISC
Coloboma of optic disc (congenital)

743.58 VASCULAR ANOMALIES
Congenital retinal aneurysm

743.59 OTHER

CONGENITAL ANOMALIES OF EYELIDS, LACRIMAL SYSTEM AND ORBIT

743.61 CONGENITAL PTOSIS

743.62 CONGENITAL DEFORMITIES OF EYELIDS
Ablepharon
Absence of eyelid
Accessory eyelid
Congenital:
ectropion
entropion

743.63 OTHER SPECIFIED CONGENITAL ANOMALIES OF EYELID
Absence, agenesis, of cilia

743.64 SPECIFIED CONGENITAL ANOMALIES OF LACRIMAL GLAND

743.65 SPECIFIED CONGENITAL ANOMALIES OF LACRIMAL PASSAGES
Absence, agenesis of:
lacrimal apparatus
punctum lacrimal
Accessory lacrimal canal

743.66 SPECIFIED CONGENITAL ANOMALIES OF ORBIT

743.69 OTHER
Accessory eye muscles

743.8 OTHER SPECIFIED ANOMALIES OF EYE
Excludes: congenital nystagmus (379.51)
ocular albinism (270.2)
retinitis pigmentosa (362.74)

743.9 UNSPECIFIED ANOMALY OF EYE
Congenital:
anomaly NOS } of eye [any part]
deformity NOS }

CONGENITAL ANOMALIES OF EAR, FACE, NECK

CONGENITAL ANOMALIES OF EAR, FACE, NECK

Excludes: anomaly of:
- cervical spine (754.2, 756.10,-756.19)
- larynx (748.2-748.3)
- nose (748.0-748.1)
- parathyroid gland (759.2)
- thyroid gland (759.2)

cleft lip (749.10-749.25)

ANOMALIES OF EAR CAUSING IMPAIRMENT OF HEARING

Excludes: congenital deafness without mention of cause (389.0-389.9)

744.00 UNSPECIFIED ANOMALY OF EAR WITH IMPAIRMENT OF HEARING

744.01 ABSENCE OF EXTERNAL EAR

Absence of:
- auditory canal (external)
- auricle (ear) (with stenosis or atresia of auditory canal)

744.02 OTHER ANOMALIES OF EXTERNAL EAR WITH IMPAIRMENT OF HEARING

Atresia or stricture of auditory canal (external)

744.03 ANOMALY OF MIDDLE EAR, EXCEPT OSSICLES

Atresia or stricture of osseous meatus (ear)

744.04 ANOMALIES OF EAR OSSICLES

Fusion of ear ossicles

744.05 ANOMALIES OF INNER EAR

Congenital anomaly of:
- membranous labyrinth
- organ of Corti

744.09 OTHER

Absence of ear, congenital

744.1 ACCESSORY AURICLE

Accessory tragus
Polyotia
Preauricular appendage lobule
Supernumerary:
ear

OTHER SPECIFIED ANOMALIES OF EAR

Excludes: that with impairment of hearing (744.00-744.09)

744.21 ABSENCE OF EAR LOBE, CONGENITAL

744.22 MACROTIA

744.23 MICROTIA

744.24 SPECIFIED ANOMALIES OF EUSTACHIAN TUBE

Absence of Eustachian tube

744.29 OTHER

Bat ear
Darwin's tubercle
Pointed ear
Prominence of auricle
Ridge ear

Excludes: preauricular sinus (744.47)

744.3 UNSPECIFIED ANOMALY OF EAR

Congenital:
- anomaly NOS } of ear, not elsewhere classified
- deformity NOS }

BRANCHIAL CLEFT CYST OR FISTULA; PREAURICULAR SINUS

744.41 BRANCHIAL CLEFT SINUS OR FISTULA

Branchial:
- sinus (external) (internal)
- vestige

744.42 BRANCHIAL CLEFT CYST

744.43 CERVICAL AURICLE

744.46 PREAURICULAR SINUS OR FISTULA

744.47 PREAURICULAR CYST

744.49 OTHER

Fistula (of):
- auricle, congenital
- cervicoaural

744.5 WEBBING OF NECK
Pterygium colli

OTHER SPECIFIED ANOMALIES OF FACE AND NECK

744.81 MACROCHEILIA
Hypertrophy of lip, congenital

744.82 MICROCHEILIA

744.83 MACROSTOMIA

744.84 MICROSTOMIA

744.89 OTHER
Excludes: congenital fistula of lip (750.25)
musculoskeletal anomalies (754.0-754.1, 756.0)

744.9 UNSPECIFIED ANOMALIES OF FACE AND NECK
Congenital:
anomaly NOS } of fact [any part] or
deformity NOS } neck [any part]

BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE

BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE

745.0 COMMON TRUNCUS

Absent septum } between aorta and
Communication (abnormal) } pulmonary artery
Aortic septal defect
Common aortopulmonary trunk
Persistent truncus arteriosus

TRANSPOSITION OF GREAT VESSELS

745.10 COMPLETE TRANSPOSITION OF GREAT VESSELS

Transposition of great vessels:
NOS
classical

745.11 DOUBLE OUTLET RIGHT VENTRICLE

Dextratransposition of aorta
Incomplete transposition of great vessels
Origin of both great vessels from right ventricle
Taussig-Bing syndrome or defect

745.12 CORRECTED TRANSPOSITION OF GREAT VESSELS

745.19 OTHER

745.2 TETRALOGY OF FALLOT

Fallot's pentalogy
Ventricular septal defect with pulmonary stenosis or atresia, dextraposition of aorta, and hypertrophy of right ventricle
Excludes: Fallot's triad (746.09)

745.3 COMMON VENTRICLE

Cor triloculare biatriatum Single ventricle

745.4 VENTRICULAR SEPTAL DEFECT

Eisenmenger's defect or complex
Gerbode defect
Interventricular septal defect
Left ventricular-right atrial communication
Roger's disease
Excludes: common atrioventricular canal type (745.69)
single ventricle (745.3)

745.5 OSTIUM SECUNDUM TYPE ATRIAL SEPTAL DEFECT

Defect: Patent or persistent:
atrium secundum foramen ovale
fossa ovalis ostium secundum
Lutembacher's syndrome

ENDOCARDIAL CUSHION DEFECTS

745.60 ENDOCARDIAL CUSHION DEFECT, UNSPECIFIED TYPE

745.61 OSTIUM PRIMUM DEFECT

Persistent ostium primum

745.69 OTHER

Absence of atrial septum
Atrioventricular canal type ventricular septal defect
Common atrioventricular canal
Common atrium

745.7 COR BILOCULARE

Absence of atrial and ventricular septa

745.8 OTHER

745.9 UNSPECIFIED DEFECT OF SEPTAL CLOSURE

Septal defect NOS

OTHER CONGENITAL ANOMALIES OF HEART

OTHER CONGENITAL ANOMALIES OF HEART
Excludes: endocardial fibroelastosis (425.3)

ANOMALIES OF PULMONARY VALVE
Excludes: infundibular or subvalvular pulmonic stenosis (746.83)
tetralogy of Fallot (745.2)

746.00 PULMONARY VALVE ANOMALY, UNSPECIFIED

746.01 ATRESIA, CONGENITAL
Congenital absence of pulmonary valve

746.02 STENOSIS, CONGENITAL

746.09 OTHER
Congenital insufficiency of pulmonary valve
Fallot's triad or trilogy

746.1 TRICUSPID ATRESIA AND STENOSIS, CONGENITAL
Absence of tricuspid valve

746.2 EBSTEIN'S ANOMALY

746.3 CONGENITAL STENOSIS OF AORTIC VALVE
Congenital aortic stenosis
Excludes: congenital:
subaortic stenosis (746.81)
supravalvular aortic stenosis (747.22)

746.4 CONGENITAL INSUFFICIENCY OF AORTIC VALVE
Bicuspid aortic valve
Congenital aortic insufficiency

746.5 CONGENITAL MITRAL STENOSIS
Fused commissure } of mitral valve
Parachute deformity }
Supernumerary cusps }

746.6 CONGENITAL MITRAL INSUFFICIENCY

746.7 HYPOPLASTIC LEFT HEART SYNDROME
Atresia, or marked hypoplasia, or aortic orifice or valve, with hypoplasia of ascending aorta and defective development of left ventricle (with mitral valve atresia)

OTHER SPECIFIED ANOMALIES OF HEART

746.81 SUBAORTIC STENOSIS

746.82 COR TRIATRIATUM

746.83 INFUNDIBULAR PULMONIC STENOSIS
Subvalvular pulmonic stenosis

746.84 OBSTRUCTIVE ANOMALIES OF HEART NEC
Uhl's disease

746.85 CORONARY ARTERY ANOMALY
Anomalous origin or communication of coronary artery
Coronary artery: absence
arising from aorta or pulmonary trunk
single

746.86 CONGENITAL HEART BLOCK
Complete or incomplete atrioventricular [AV] block

746.87 MALPOSITION OF HEART AND CARDIAC APEX
Abdominal heart
Dextrocardia
Ectopia cordis
Levocardia (isolated)
Mesocardia
Excludes: dextrocardia with complete transposition of viscera (759.3)

746.89 OTHER
Atresia } of cardiac vein
Hypoplasia }
Congenital:
cardiomegaly
diverticulum, left ventricle
pericardial defect

746.9 UNSPECIFIED ANOMALY OF HEART
Congenital: anomaly of heart NOS
heart disease NOS

OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM

OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM

747.0 PATENT DUCTUS ARTERIOSUS * (in live births 2,500 grams or more)
Patent ductus Botalli
Persistent ductus arteriosus
Note: Do not report if less than 2500 grams

COARCTATION OF AORTA

747.10 COARCTATION OF AORTA (PREDUCTAL) (POSTDUCTAL)
Hypoplasia of aortic arch

747.11 INTERRUPTION OF AORTIC ARCH

OTHER ANOMALIES OF AORTA

747.20 ANOMALY OF AORTA, UNSPECIFIED

747.21 ANOMALIES OF AORTIC ARCH
Anomalous origin, right subclavian artery
Dextraposition of aorta
Double aortic arch
Kommerell's diverticulum
Overriding aorta
Persistent: convolutions, aortic arch
right aortic arch
Vascular ring
Excludes: hypoplasia of aortic arch (747.10)

747.22 ATRESIA AND STENOSIS OF AORTA
Absence, Aplasia, Hypoplasia, Stricture } of aorta
Supra (valvular)-aortic stenosis
Excludes: congenital aortic (valvular) stenosis or stricture, so stated (746.3)
hypoplasia of aorta in hypoplastic left heart syndrome (746.7)

747.29 OTHER
Aneurysm of sinus of Valsalva
Congenital: aneurysm, dilation } of aorta

747.3 ANOMALIES OF PULMONARY ARTERY
Agenesis, Anomaly, Atresia, Coarctation, Hypoplasia, Stenosis } of pulmonary artery
Pulmonary arteriovenous aneurysm

ANOMALIES OF GREAT VEINS

747.40 ANOMALY OF GREAT VEINS, UNSPECIFIED
Anomaly NOS of: pulmonary veins
vena cava

747.41 TOTAL ANOMALOUS PULMONARY VENOUS CONNECTION
Total anomalous pulmonary venous return [TAPVR]:
subdiaphragmatic
supradiaphragmatic

747.42 PARTIAL ANOMALOUS PULMONARY VENOUS CONNECTION
Partial anomalous pulmonary venous return

747.49 OTHER ANOMALIES OF GREAT VEINS
Absence, Congenital stenosis } of vena cava (inferior) (superior)
Persistent:
left posterior cardinal vein
left superior vena cava
Scimitar syndrome
Transposition of pulmonary veins NOS

747.5 ABSENCE OR HYPOPLASIA OF UMBILICAL ARTERY
Single umbilical artery

747.6 OTHER ANOMALIES OF PERIPHERAL VASCULAR SYSTEM

Absence } of artery or vein, not elsewhere
Anomaly } classified
Atresia }
Arteriovenous aneurysm (peripheral)
Congenital: aneurysm (peripheral)
phlebectasia
stricture, artery
varix
Multiple renal arteries
Excludes: anomalies of:
cerebral vessels (747.81)
pulmonary artery (747.3)
congenital retinal aneurysm (743.58)
hemangioma (228.00-228.09)
lymphangioma (228.1)

OTHER SPECIFIED ANOMALIES OF CIRCULATORY SYSTEM

747.81 ANOMALIES OF CEREBROVASCULAR SYSTEM

Cerebral arteriovenous aneurysm, congenital
Congenital anomalies of cerebral vessels
Excludes: ruptured cerebral (arteriovenous) aneurysm (430)

747.83 PERSISTENT FETAL CIRCULATION

Persistent pulmonary hypertension
Primary pulmonary hypertension of newborn

747.89 OTHER

Aneurysm, congenital, specified site not elsewhere classified
Excludes: congenital aneurysm: coronary (746.85)
peripheral (747.6)
pulmonary (747.3)
retinal (743.58)

747.9 UNSPECIFIED ANOMALY OF CIRCULATORY SYSTEM

CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM

CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM

Excludes: congenital defect of diaphragm (756.6)

748.0 CHOANAL ATRESIA

Atresia } of nares (anterior) (posterior)
Congenital stenosis }

748.1 OTHER ANOMALIES OF NOSE

Absent nose
Accessory nose
Cleft nose
Congenital: deformity of nose
notching of tip of nose
perforation of wall of nasal sinus
Deformity of wall of nasal sinus

Excludes: congenital deviation of nasal septum (754.0)

748.2 WEB OF LARYNX

Web of larynx: NOS
glottic
subglottic

748.3 OTHER ANOMALIES OF LARYNX, TRACHEA, AND BRONCHUS

Absence or agenesis of:
- bronchus
- larynx
- trachea

Anomaly (of)
- cricoid cartilage
- epiglottis
- thyroid cartilage
- trachea cartilage

Atresia (of):
- epiglottis
- glottis
- larynx
- trachea

Cleft thyroid, cartilage, congenital

Congenital:
- dilation, trachea
- stenosis:
  - larynx
  - trachea
- tracheocele

Diverticulum:
- bronchus
- trachea

Fissure of epiglottis
Laryngocele
Posterior cleft of cricoid cartilage, congenital
Rudimentary tracheal bronchus
Stridor, laryngeal, congenital

748.4 CONGENITAL CYSTIC LUNG

Disease, lung:
- cystic, congenital
- polycystic, congenital

Honeycomb lung, congenital

Excludes: acquired or unspecified cystic lung (518.8)

748.5 AGENESIS, HYPOPLASIA AND DYSPLASIA OF LUNG

Absence of lung (fissures) (lobe)
Aplasia of lung
Hypoplasia of lung (lobe)
Sequestration of lung

OTHER ANOMALIES OF LUNG

748.60 ANOMALY OF LUNG, UNSPECIFIED
748.61 CONGENITAL BRONCHIECTASIS
748.69 OTHER

Accessory lung (lobe)
Azygos lobe (fissure), lung

748.8 OTHER SPECIFIED ANOMALIES OF RESPIRATORY SYSTEM

Abnormal communication between pericardial and pleural sacs
Anomaly, pleural folds
Atresia of nasopharynx
Congenital cyst of mediastinum

748.9 UNSPECIFIED ANOMALY OF RESPIRATORY SYSTEM

Anomaly of respiratory system NOS

CLEFT PALATE AND CLEFT LIP

CLEFT PALATE AND CLEFT LIP

CLEFT PALATE

- **749.00 CLEFT PALATE, UNSPECIFIED**
- **749.01 UNILATERAL CLEFT PALATE, COMPLETE**
- **749.02 UNILATERAL CLEFT PALATE, INCOMPLETE**
  - Cleft uvula
- **749.03 BILATERAL CLEFT PALATE, COMPLETE**
- **749.04 BILATERAL CLEFT PALATE, INCOMPLETE**

CLEFT LIP

Cheiloschisis Harelip
Congenital fissure of lip Labium leporinum

- **749.10 CLEFT LIP, UNSPECIFIED**
- **749.11 UNILATERAL CLEFT LIP, COMPLETE**
- **749.12 UNILATERAL CLEFT LIP, INCOMPLETE**
- **749.13 BILATERAL CLEFT LIP, COMPLETE**
- **749.14 BILATERAL CLEFT LIP, INCOMPLETE**

CLEFT PALATE WITH CLEFT LIP

Cheilopalatoschisis

- **749.20 CLEFT PALATE WITH CLEFT LIP, UNSPECIFIED**
- **749.21 UNILATERAL CLEFT PALATE WITH CLEFT LIP, COMPLETE**
- **749.22 UNILATERAL CLEFT PALATE AND LIP, INCOMPLETE**
- **749.23 BILATERAL CLEFT PALATE AND LIP, COMPLETE**
- **749.24 BILATERAL CLEFT PALATE AND LIP, INCOMPLETE**
- **749.25 OTHER COMBINATIONS**

OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT

OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT
Excludes: dentofacial anomalies (524.0 - 524.9)

OTHER ANOMALIES OF TONGUE
- **750.10 ANOMALY OF TONGUE ANOMALY, UNSPECIFIED**
- **750.11 AGLOSSIA**
- **750.13 FISSURE OF TONGUE**
  Bifid tongue Double tongue
- **750.15 MACROGLOSSIA**
  Congenital hypertrophy of tongue
- **750.16 MICROGLOSSIA**
  Hypoplasia of tongue
- **750.19 OTHER**

OTHER SPECIFIED ANOMALIES OF MOUTH AND PHARYNX
- **750.21 ABSENCE OF SALIVARY GLAND**
- **750.22 ACCESSORY SALIVARY GLAND**
- **750.23 ATRESIA, SALIVARY DUCT**
  Imperforate salivary duct
- **750.24 CONGENITAL FISTULA OF SALIVARY GLAND**
- **750.25 CONGENITAL FISTULA OF LIP**
  Congenital (mucus) lip pits
- **750.26 OTHER SPECIFIED ANOMALIES OF MOUTH**
  Absence of uvula
- **750.27 DIVERTICULUM OF PHARYNX**
  Pharyngeal pouch
- **750.29 OTHER SPECIFIED ANOMALIES OF PHARYNX**
  Imperforate pharynx

750.3 TRACHEOESOPHAGEAL FISTULA, ESOPHAGEAL ATRESIA AND STENOSIS
- Absent esophagus
- Atresia of esophagus
- Congenital:
  - esophageal ring
  - stenosis of esophagus
  - stricture of esophagus
- Congenital fistula:
  - esophagobronchial
  - esophagotracheal
- Imperforate esophagus
- Webbed esophagus

750.4 OTHER SPECIFIED ANOMALIES OF ESOPHAGUS
Dilatation, congenital }
Displacement, congenital }
Diverticulum } of esophagus
Duplication }
Giant }
Esophageal pouch
Excludes: congenital hiatus hernia (750.6)

750.5 CONGENITAL HYPERTROPHIC PYLORIC STENOSIS
Congenital or infantile:
constriction }
hypertrophy }
stenosis } of pylorus
stricture }
Note: Do not report pylorospasm or intermittent pyloric stenosis

750.6 CONGENITAL HIATUS HERNIA
Displacement of cardia through esophageal hiatus
Excludes: congenital diaphragmatic hernia (756.6)

750.7 OTHER SPECIFIED ANOMALIES OF STOMACH
- Congenital:
  - cardiospasm
  - hourglass stomach
- Displacement of stomach
- Diverticulum of stomach, congenital
- Duplication of stomach
- Megalogastria
- Microgastria
- Transposition of stomach

750.8 OTHER SPECIFIED ANOMALIES OF UPPER ALIMENTARY TRACT

750.9 UNSPECIFIED ANOMALY OF UPPER ALIMENTARY TRACT
Congenital:
anomaly NOS } of upper alimentary tract
deformity NOS } [any part, except tongue]

OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM

OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM

751.0 MECKEL'S DIVERTICULUM

Meckel's diverticulum (displaced) (hypertrophic)
Persistent:
- omphalomesenteric duct
- vitelline duct

751.1 ATRESIA AND STENOSIS OF SMALL INTESTINE

Atresia of:
- duodenum
- ileum
- intestine NOS

Congenital:
- absence, obstruction, stenosis, stricture } of small intestine or intestine NOS

Imperforate jejunum

751.2 ATRESIA AND STENOSIS OF LARGE INTESTINE, RECTUM, AND ANAL CANAL

Absence:
- anus (congenital)
- appendix, congenital
- large intestine, congenital
- rectum

Atresia of:
- anus
- colon
- rectum

Congenital or infantile:
- obstruction of large intestine
- occlusion of anus
- stricture of anus

Imperforate:
- anus
- rectum

Stricture of rectum, congenital

751.3 HIRSCHSPRUNG'S DISEASE AND OTHER CONGENITAL FUNCTIONAL DISORDERS OF COLON

Aganglionosis
Congenital dilation of colon
Congenital megacolon
Macrocolon

751.4 ANOMALIES OF INTESTINAL FIXATION

Congenital adhesions:
- omental, anomalous
- peritoneal

Jackson's membrane
Malrotation of colon

Rotation of cecum or colon:
- failure of
- incomplete
- insufficient

Universal mesentery

751.5 OTHER ANOMALIES OF INTESTINE

Congenital diverticulum, colon
Dolichocolon
Duplication of:
- anus
- appendix
- cecum
- intestine

Ectopic anus
Megaloappendix
Megaloduodenum
Microcolon
Persistent cloaca
Transposition of:
- appendix
- colon
- intestine

ANOMALIES OF GALLBLADDER, BILE DUCTS AND LIVER

751.60 UNSPECIFIED ANOMALY OF GALLBLADDER, BILE DUCTS AND LIVER

751.61 BILIARY ATRESIA

Congenital:
- absence, hypoplasia, obstruction, stricture } of bile duct (common) or passage

751.62 CONGENITAL CYSTIC LIVER DISEASE

Congenital polycystic disease of liver
Fibrocystic disease of liver

751.69 OTHER ANOMALIES OF GALLBLADDER, BILE DUCTS AND LIVER

Absence of:
- gallbladder, congenital
- liver (lobe)

Accessory:
- hepatic ducts
- liver

Congenital:
- choledochal cyst
- hepatomegaly

Duplication of:
- biliary duct
- cystic duct
- gallbladder
- liver

Floating:
- gallbladder
- liver

Intrahepatic gallbladder

751.7 ANOMALIES OF PANCREAS

Absence, Agenesis, Hypoplasia } of pancreas

Accessory pancreas

Annular pancreas

Ectopic pancreatic tissue

Pancreatic heterotopia

Excludes: diabetes mellitus:
- congenital (250.0-250.9)
- neonatal (775.1)

fibrocystic disease of pancreas (277.00-277.01)

751.8 OTHER SPECIFIED ANOMALIES OF DIGESTIVE SYSTEM

Absence (complete) (partial) of alimentary tract NOS

Duplication, Malposition, congenital } of digestive organs NOS

Excludes: congenital diaphragmatic hernia (756.6)
congenital hiatus hernia (750.6)

751.9 UNSPECIFIED ANOMALY OF DIGESTIVE SYSTEM

Congenital:
- anomaly NOS, deformity NOS } of digestive system NOS

CONGENITAL ANOMALIES OF GENITAL ORGANS

CONGENITAL ANOMALIES OF GENITAL ORGANS

Excludes: syndromes associated with anomalies in the number and form of chromosomes (758.0-758.9)
testicular feminization syndrome (257.8)

752.0 ANOMALIES OF OVARIES

Absence, congenital }
Accessory }
Ectopic } (of) ovary
Streak }

ANOMALIES OF FALLOPIAN TUBES AND BROAD LIGAMENTS

752.10 UNSPECIFIED ANOMALY OF FALLOPIAN TUBES AND BROAD LIGAMENTS

752.11 EMBRYONIC CYST OF FALLOPIAN TUBES AND BROAD LIGAMENTS

Cyst:
epoophoron
fimbrial
Cyst:
Gartner's duct
parovarian

752.19 OTHER

Absence }
Accessory } (of) fallopian tube or
Atresia } broad ligament

752.2 DOUBLING OF UTERUS

Didelphic uterus
Doubling of uterus [any degree] (associated with doubling of cervix and vagina)

752.3 OTHER ANOMALIES OF UTERUS

Absence, congenital }
Agenesis } of uterus
Aplasia }
Bicornuate uterus
Uterus unicornis
Uterus with only one functioning horn

ANOMALIES OF CERVIX, VAGINA, AND EXTERNAL FEMALE GENITALIA

752.40 UNSPECIFIED ANOMALY OF CERVIX, VAGINA, AND EXTERNAL FEMALE GENITALIA

752.41 EMBRYONIC CYST OF CERVIX, VAGINA, AND EXTERNAL FEMALE GENITALIA

Cyst of: canal of Nuck, congenital
vagina, embryonal
vulva, congenital

752.42 IMPERFORATE HYMEN

752.49 OTHER ANOMALIES OF CERVIX, VAGINA, AND EXTERNAL FEMALE GENITALIA

Absence } of cervix, clitoris, vagina,
Agenesis } or vulva
Congenital stenosis or stricture of:
cervical canal
vagina

Excludes: double vagina associated with total duplication (752.2)

752.5 UNDESCENDED TESTICLE (in live births 2,500 grams or more)

Cryptorchism
Ectopic testis

Note: Do not report if live birth less than 2500 grams

752.51 UNDECENDED TESTIS

Cryptorghism
Ectopic testis

752.6 HYPOSPADIAS AND EPISPADIAS AND OTHER PENILE ANOMALIES

752.61 Hypospadias

752.62 Epispadias

Anaspadias

752.63 Congenital chordee

752.64 Micropenis

752.65 Hidden penis

752.69 Other penile anomalies

752.7 INDETERMINATE SEX AND PSEUDOHERMAPHRODITISM

Gynandrism
Hermaphroditism
Ovotestis
Pseudohermaphroditism (male) (female)
Pure gonadal dysgenesis

Excludes: pseudohermaphroditism:
- female, with adrenocortical disorder (255.2)
- male, with gonadal disorder (257.8)

with specified chromosomal anomaly (758.0-758.9)
testicular feminization syndrome (257.8)

752.8 OTHER SPECIFIED ANOMALIES OF GENITAL ORGANS

Absence of:
- prostate
- spermatic cord
- vas deferens

Anorchism
Aplasia (congenital) of:
- prostate
- round ligament
- testicle

Atresia of:
- ejaculatory duct
- vas deferens

Fusion of testes
Hypoplasia of testis
Monorchism
Polyorchism

Excludes: congenital hydrocele (778.6)
penile anomalies (752.62-752.69)
phimosis or paraphimosis (605)

752.9 UNSPECIFIED ANOMALY OF GENITAL ORGANS

Congenital:
- anomaly NOS } if genital organ, not
- deformity NOS } elsewhere classified

CONGENITAL ANOMALIES OF URINARY SYSTEM

CONGENITAL ANOMALIES OF URINARY SYSTEM

753.0 RENAL AGENESIS AND DYSGENESIS

Atrophy of kidney:
- congenital
- infantile

Congenital absence of kidney(s)

Hypoplasia of kidney(s)

CYSTIC KIDNEY DISEASE

Excludes: acquired cyst of kidney (583.2)

753.10 CYSTIC KIDNEY DISEASE, UNSPECIFIED

753.11 CONGENITAL SINGLE RENAL CYST

753.12 POLYCYSTIC KIDNEY, UNSPECIFIED TYPE

753.13 POLYCYSTIC KIDNEY, AUTOSOMAL DOMINANT

753.14 POLYCYSTIC KIDNEY, AUTOSOMAL RECESSIVE

753.15 RENAL DYSPLASIA

753.16 MEDULLARY CYSTIC KIDNEY

Nephronopthisis

753.17 MEDULLARY SPONGE KIDNEY

753.19 OTHER SPECIFIED CYSTIC KIDNEY DISEASE

Multicystic kidney

753.2 OBSTRUCTIVE DEFECTS OF RENAL PELVIS AND URETER

753.20 Unspecified obstructive defect of renal pelvis and ureter

753.21 Congenital obstruction of ureteropelvic junction

753.22 Congenital obstruction of ureterovesical junction

Adynamic ureter

Congenital hydroureter

753.23 Congenital ureferocele

753.29 Other

753.3 OTHER SPECIFIED ANOMALIES OF KIDNEY

- Accessory kidney
- Congenital:
  - calculus of kidney
  - displaced kidney
- Discoid kidney
- Double kidney with
  - double pelvis
- Ectopic kidney
- Fusion of kidneys
- Giant kidney
- Horseshoe kidney
- Hyperplasia of kidney
- Lobulation of kidney
- Malrotation of kidney
- Trifid kidney (pelvis)

753.4 OTHER SPECIFIED ANOMALIES OF URETER

- Absent ureter
- Accessory ureter
- Deviation of ureter
- Displaced ureteric orifice
- Double ureter
- Ectopic ureter
- Implantation, anomalous of ureter

753.5 EXSTROPHY OF URINARY BLADDER

- Ectopia vesicae
- Extroversion of bladder

753.6 ATRESIA AND STENOSIS OF URETHRA AND BLADDER NECK

Congenital obstruction:
- bladder neck
- urethra

Congenital stricture of:
- urethra (valvular)
- urinary meatus
- vesicourethral orifice

- Imperforate urinary meatus
- Impervious urethra
- Urethral valve formation

753.7 ANOMALIES OF URACHUS

Cyst } (of) urachus
Fistula } (of) urachus
Patent } (of) urachus

- Persistent umbilical sinus

753.8 OTHER SPECIFIED ANOMALIES OF BLADDER AND URETHRA

Absence, congenital of:
- bladder
- urethra

Accessory:
- bladder
- urethra

Congenital:
- diverticulum of bladder
- hernia of bladder

- Congenital urethrorectal fistula
- Congenital prolapse of:
  - bladder (mucosa)
  - urethra
- Double:
  - urethra
  - urinary meatus

753.9 UNSPECIFIED ANOMALY OF URINARY SYSTEM

Congenital:
- anomaly NOS } of urinary system [any part, except urachus]
- deformity NOS } of urinary system [any part, except urachus]

CERTAIN CONGENITAL MUSCULOSKELETAL DEFORMITIES

CERTAIN CONGENITAL MUSCULOSKELETAL DEFORMITIES

Includes: Nonteratogenic deformities which are considered to be due to intrauterine malposition and pressure

754.0 OF SKULL, FACE, AND JAW

Asymmetry of face
Compression facies
Depressions in skull
Deviation of nasal septum, congenital
Dolichocephaly
Plagiocephaly
Potter's facies
Squashed or bent nose, congenital

Excludes: dentofacial anomalies (524.0-524.9
syphilitic saddle nose (090.5)

Note: Do not report squashed or bent nose, or deviation of nasal septum, congenital

754.1 OF STERNOCLEIDOMASTOID MUSCLE

Congenital sternomastoid torticollis
Congenital wryneck
Contracture of sternocleidomastoid (muscle)
Sternomastoid tumor

754.2 OF SPINE

Congenital postural:
lordosis
scoliosis

CONGENITAL DISLOCATION OF HIP

754.30 CONGENITAL DISLOCATION OF HIP, UNILATERAL
Congenital dislocation of hip NOS

754.31 CONGENITAL DISLOCATION OF HIP, BILATERAL

754.35 CONGENITAL DISLOCATION OF ONE HIP WITH SUBLUXATION OF OTHER HIP

CONGENITAL GENU RECURVATUM AND BOWING OF LONG BONES OF LEG

754.40 GENU RECURVATUM

754.41 CONGENITAL DISLOCATION OF KNEE (with genu recurvatum)

754.42 CONGENITAL BOWING OF FEMUR

754.44 CONGENITAL BOWING OF UNSPECIFIED LONG BONES OF LEG
Note: Do not report tibial torsion

VARUS DEFORMITIES OF FEET

Excludes: acquired (736.71, 736.75, 736.79)

754.50 TALIPES VARUS
Congenital varus deformity of foot, unspecified
Pes varus

754.51 TALIPES EQUINOVARUS
Equinovarus (congenital)

754.52 METATARSUS PRIMUS VARUS

754.53 METATARSUS VARUS

754.59 OTHER
Talipes calcaneovarus

VALGUS DEFORMITIES OF FEET

Excludes: valgus deformity of foot (acquired) (736.79)

754.60 TALIPES VALGUS
Congenital valgus deformity of foot, unspecified

754.69 OTHER
Talipes:
equinovalgus
planovalgus

OTHER DEFORMITIES OF FEET

Excludes: acquired (736.70-736.79)

754.70 TALIPES, UNSPECIFIED
Congenital deformity of foot NOS

754.71 TALIPES CAVUS
Cavus foot (congenital)

754.79 OTHER
Asymmetric talipes
Talipes:
calcaneus
equinus

OTHER SPECIFIED NONTERATOGENIC ANOMALIES

754.81 PECTUS EXCAVATUM

Congenital funnel chest

754.82 PECTUS CARINATUM

Congenital pigeon chest [breast]

754.89 OTHER

Club hand (congenital)
Congenital:
- deformity of chest wall
- dislocation of elbow

Generalized flexion contractures of lower limb joints, congenital
Spade-like hand (congenital)

OTHER CONGENITAL ANOMALIES OF LIMBS

OTHER CONGENITAL ANOMALIES OF LIMBS
Excludes: those deformities classifiable to 754.0 - 754.8

POLYDACTYLY

755.00 POLYDACTYLY, UNSPECIFIED DIGITS
Supernumerary digits

755.01 OF FINGERS
Accessory fingers

755.02 OF TOES
Accessory toes

SYNDACTYLY

Symphalangy Webbing of digits

755.10 OF MULTIPLE AND UNSPECIFIED SITES

755.12 OF FINGERS WITH FUSION OF BONE

755.14 OF TOES WITH FUSION OF BONE

REDUCTION DEFORMITIES OF UPPER LIMB

755.20 UNSPECIFIED REDUCTION DEFORMITY OF UPPER LIMB
Ectromelia NOS } of upper limb
Hemimelia NOS }
Shortening of arm, congenital

755.21 TRANSVERSE DEFICIENCY OF UPPER LIMB
Amelia of upper limb
Congenital absence of:
fingers, all (complete or partial)
forearm, including hand and fingers
upper limb, complete
Congenital amputation of upper limb
Transverse hemimelia of upper limb

755.22 LONGITUDINAL DEFICIENCY OF UPPER LIMB, NOT ELSEWHERE CLASSIFIED
Phocomelia NOS of upper limb
Rudimentary arm

755.23 LONGITUDINAL DEFICIENCY, COMBINED, INVOLVING HUMERUS, RADIUS, AND ULNA (COMPLETE OR INCOMPLETE)
Congenital absence of arm and forearm (complete or incomplete with or without metacarpal deficiency and/or phalangeal deficiency, incomplete
Phocomelia, complete, of upper limb

755.24 LONGITUDINAL DEFICIENCY, HUMERAL, COMPLETE OR PARTIAL (WITH OR WITHOUT DISTAL DEFICIENCIES, INCOMPLETE)
Congenital absence of humerus (with or without absence of some [but not all] distal elements)
Proximal phocomelia of upper limb

755.25 LONGITUDINAL DEFICIENCY, RADIOULNAR, COMPLETE OR PARTIAL (WITH OR WITHOUT DISTAL DEFICIENCIES, INCOMPLETE)
Congenital absence of radius and ulna (with or without absence of some [but not all] distal elements)
Distal phocomelia of upper limb

755.26 LONGITUDINAL DEFICIENCY, RADIAL, COMPLETE OR PARTIAL (WITH OR WITHOUT DISTAL DEFICIENCIES, INCOMPLETE)
Agenesis of radius
Congenital absence of radius (with or without absence of some [but not all] distal elements)

755.27 LONGITUDINAL DEFICIENCY, ULNAR, COMPLETE OR PARTIAL (WITH OR WITHOUT DISTAL DEFICIENCIES, INCOMPLETE)
Agenesis of ulna
Congenital absence of ulna (with or without absence of some [but not all] distal elements)

755.28 LONGITUDINAL DEFICIENCY, CARPALS OR METACARPALS, COMPLETE OR PARTIAL (WITH OR WITHOUT INCOMPLETE PHALANGEAL DEFICIENCY)

755.29 LONGITUDINAL DEFICIENCY, PHALANGES, COMPLETE OR PARTIAL
Absence of finger, congenital
Aphalangia of upper limb, terminal, complete or partial
Excludes: terminal deficiency of all five digits (755.21)
transverse deficiency of phalanges (755.21)

REDUCTION DEFORMITIES OF LOWER LIMB

755.30 UNSPECIFIED REDUCTION DEFORMITY OF LOWER LIMB
Ectromelia NOS } of lower limb
Hemimelia NOS }
Shortening of leg, congenital

755.31 TRANSVERSE DEFICIENCY OF LOWER LIMB
Amelia of lower limb
Congenital absence of:
foot
leg, including foot and toes
lower limb, complete
toes, all, complete
Transverse hemimelia of lower limb

755.32 LONGITUDINAL DEFICIENCY OF LOWER LIMB, NOT ELSEWHERE CLASSIFIED
Phocomelia NOS of lower limb

755.33 LONGITUDINAL DEFICIENCY, COMBINED, INVOLVING FEMUR, TIBIA, AND FIBULA (COMPLETE OR INCOMPLETE)
Congenital absence of thigh and (lower) leg (complete or incomplete) with or without metacarpal deficiency and/or phalangeal deficiency, incomplete
Phocomelia, complete, of lower limb

755.34 LONGITUDINAL DEFICIENCY, FEMORAL, COMPLETE OR PARTIAL (WITH OR WITHOUT DISTAL DEFICIENCIES, INCOMPLETE)
Congenital absence of femur (with or without absence of some [but not all] distal elements)
Proximal phocomelia of lower limb

755.35 LONGITUDINAL DEFICIENCY, TIBIOFIBULAR, COMPLETE OR PARTIAL (WITH OR WITHOUT DISTAL DEFICIENCIES, INCOMPLETE)
Congenital absence of tibia and fibula (with or without absence of some [but not all] distal elements)
Distal phocomelia of lower limb

755.36 LONGITUDINAL DEFICIENCY, TIBIA, COMPLETE OR PARTIAL (WITH OR WITHOUT DISTAL DEFICIENCIES, INCOMPLETE)
Agenesis of tibia
Congenital absence of tibia (with or without absence of some [but not all] distal elements)

755.37 LONGITUDINAL DEFICIENCY, FIBULAR, COMPLETE OR PARTIAL (WITH OR WITHOUT DISTAL DEFICIENCIES, INCOMPLETE)
Agenesis of fibula
Congenital absence of fibula (with or without absence of some [but not all] distal elements)

755.38 LONGITUDINAL DEFICIENCY, TARSALS OR METATARSALS, COMPLETE OR PARTIAL (WITH OR WITHOUT INCOMPLETE PHALANGEAL DEFICIENCY)

755.39 LONGITUDINAL DEFICIENCY, PHALANGES, COMPLETE OR PARTIAL
Absence of toe, congenital
Aphalangia of lower limb, terminal, complete or partial
Excludes: terminal deficiency of all five digits (755.31)
transverse deficiency of phalanges (755.31)

755.4 REDUCTION DEFORMITIES, UNSPECIFIED LIMB
Absence, congenital (complete or partial) of limb NOS
Amelia }
Ectromelia } of unspecified limb
Hemimelia }
Phocomelia }

OTHER ANOMALIES OF UPPER LIMB, INCLUDING SHOULDER GIRDLE

755.50 UNSPECIFIED ANOMALY OF UPPER LIMB

755.51 CONGENITAL DEFORMITY OF CLAVICLE

755.52 CONGENITAL ELEVATION OF SCAPULA
Sprengel's deformity

755.53 RADIOULNAR SYNOSTOSIS

755.54 MADELUNG'S DEFORMITY

755.55 ACROCEPHALOSYNDACTYLY
Apert's syndrome

755.56 ACCESSORY CARPAL BONES

755.57 MACRODACTYLIA (FINGERS)

755.58 CLEFT HAND, CONGENITAL
Lobster-claw hand

755.59 OTHER
Cleidocranial dysostosis
Cubitus:
valgus, congenital
varus, congenital
Excludes: club hand (congenital) (754.89)
congenital dislocation of elbow (754.89)

OTHER ANOMALIES OF LOWER LIMB, INCLUDING PELVIC GIRDLE

755.60 UNSPECIFIED ANOMALY OF LOWER LIMB

755.61 COXA VALGA, CONGENITAL

755.62 COXA VARA, CONGENITAL

755.63 OTHER CONGENITAL DEFORMITY OF HIP (JOINT)
Congenital anteversion of femur (neck)
Excludes: congenital dislocation of hip (754.30-754.35)

755.64 CONGENITAL DEFORMITY OF KNEE (JOINT)
Congenital:
absence of patella
genu valgum [knock-knee]
genu varum [bowleg]
Rudimentary patella

755.65 MACRODACTYLIA OF TOES

755.66 OTHER ANOMALIES OF TOES
Congenital: hallux valgus
hallux varus
Note: Do not report hammer toe

755.67 ANOMALIES OF FOOT, NOT ELSEWHERE CLASSIFIED
Astragaloscaphoid synostosis
Calcaneonavicular bar
Coalition of calcaneus
Talonavicular synostosis
Tarsal coalitions

755.69 OTHER
Congenital: angulation of tibia
deformity (of): ankle (joint)
sacroiliac (joint)
fusion of sacroiliac joint

755.8 OTHER SPECIFIED ANOMALIES OF UNSPECIFIED LIMB

755.9 UNSPECIFIED ANOMALY OF UNSPECIFIED LIMB
Congenital:
anomaly NOS } of unspecified limb
deformity NOS }
Excludes: reduction deformity of unspecified limb (755.4)

OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES

OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES

Excludes: those deformities classifiable to 754.0 - 754.8

756.0 ANOMALIES OF SKULL AND FACE BONES

Absence of skull bones
Acrocephaly
Congenital deformity of forehead
Craniosynostosis
Crouzon's disease
Hypertelorism
Imperfect fusion of skull
Oxycephaly
Pierre Robin syndrome
Platybasia
Premature closure of cranial sutures
Tower skull
Trigonocephaly

Excludes: acrocephalosyndactyly [Apert's syndrome] (755.55)
dentofacial anomalies (524.0-524.9)
skull defects associated with brain anomalies, such as:
anencephalus (740.0)
encephalocele (742.0)
hydrocephalus (742.3)
microcephalus (742.1)

ANOMALIES OF SPINE

756.10 ANOMALY OF SPINE, UNSPECIFIED

756.11 SPONDYLOLYSIS, LUMBOSACRAL REGION

Prespondylolisthesis (lumbosacral)

756.12 SPONDYLOLISTHESIS

756.13 ABSENCE OF VERTEBRA, CONGENITAL

756.14 HEMIVERTEBRA

756.15 FUSION OF SPINE (VERTEBRA), CONGENITAL

756.16 KLIPPEL-FEIL SYNDROME

756.17 SPINA BIFIDA OCCULTA

Excludes: spina bifida (aperta) (741.0-741.9)

756.19 OTHER

Platyspondylia
Supernumerary vertebra

756.2 CERVICAL RIB

Supernumerary rib in the cervical region

756.3 OTHER ANOMALIES OF RIBS AND STERNUM

Congenital absence of:
rib
sternum

Congenital:
fissure of sternum
fusion of ribs
Sternum bifidum

Excludes: nonteratogenic deformity of chest wall (754.81-754.89)

756.4 CHONDRODYSTROPHY

Achondroplasia
Chondrodystrophia (fetalis)
Dyschondroplasia
Enchondromatosis
Ollier's disease

Excludes: lipochondrodystrophy [Hurler's syndrome] (277.5)
Morquio's disease (277.5)

OSTEODYSTROPHIES

756.50 OSTEODYSTROPHY, UNSPECIFIED

756.51 OSTEOGENESIS IMPERFECTA

Fragilitas ossium
Osteopsathyrosis

756.52 OSTEOPETROSIS

756.53 OSTEOPOIKILOSIS

756.54 POLYOSTOTIC FIBROUS DYSPLASIA OF BONE

756.55 CHONDROECTODERMAL DYSPLASIA

Ellis-van Creveld syndrome

756.56 MULTIPLE EPIPHYSEAL DYSPLASIA

756.59 OTHER
Albright (-McCune)-Sternberg syndrome

756.6 ANOMALIES OF DIAPHRAGM
Absence of diaphragm
Congenital hernia:
diaphragmatic
foramen of Morgagni
Eventration of diaphragm
Excludes: congenital hiatus hernia (750.6)

756.7 ANOMALIES OF ABDOMINAL WALL
Exomphalos
Gastroschisis
Omphalocele
Prune Belly (syndrome)
Excludes: umbilical hernia (551-553 with .1)

OTHER SPECIFIED ANOMALIES OF MUSCLE, TENDON, FASCIA, AND CONNECTIVE TISSUE

756.81 ABSENCE OF MUSCLE AND TENDON
Absence of muscle (pectoral)

756.82 ACCESSORY MUSCLE

756.83 EHLERS-DANLOS SYNDROME

756.89 OTHER
Amyotrophia congenita
Congenital shortening of tendon

756.9 OTHER AND UNSPECIFIED ANOMALIES OF MUSCULOSKELETAL SYSTEM
Congenital:
anomaly NOS } of musculoskeletal system,
deformity NOS } not elsewhere classified

CONGENITAL ANOMALIES OF THE INTEGUMENT

CONGENITAL ANOMALIES OF THE INTEGUMENT
Includes: anomalies of skin, subcutaneous tissue, hair, nails and breast
Excludes: hemangioma (228.00-228.09)
pigmented nevus (216.0-216.9)

757.0 HEREDITARY EDEMA OF LEGS
Congenital lymphedema
Hereditary trophedema
Milroy's disease

757.1 ICHTHYOSIS CONGENITA
Congenital ichthyosis
Harlequin fetus
Ichthyosiform erythroderma

757.2 DERMATOGLYPHIC ANOMALIES
Abnormal palmar creases

OTHER SPECIFIED ANOMALIES OF SKIN

757.31 CONGENITAL ECTODERMAL DYSPLASIA

757.32 VASCULAR HAMARTOMAS
Birthmarks
Port-wine stain **(Note: do not report if located on nape of neck and/or eyelid)**
Strawberry nevus

757.33 CONGENITAL PIGMENTARY ANOMALIES OF SKIN
Congenital poikiloderma - (Mottled appearance of skin)
Urticaria pigmentosa - (Pink to brown macules or soft plaques)
Xeroderma pigmentosum - (Rare and frequently fatal pigmentary and atrophic disease)
Excludes: albinism (270.2)
Note: Do not report Mongolian spots

757.39 OTHER
Accessory skin tags, congenital
Congenital scar
Epidermolysis bullosa
Keratoderma (congenital)
Excludes: pilonidal cyst (685.0-685.1)

757.4 SPECIFIED ANOMALIES OF HAIR
Congenital:
- alopecia
- atrichosis
- beaded hair

Congenital:
- hypertrichosis
- monilethrix

Persistent lanugo

757.5 SPECIFIED ANOMALIES OF NAILS
Anonychia
Congenital:
- clubnail
- koilonychia

Congenital:
- leukonychia
- onychauxis
- pachyonychia

757.6 SPECIFIED ANOMALIES OF BREAST
Absent, Accessory, Supernumerary } breast or nipple
Excludes: absence of pectoral muscle (756.81)
Note: Do not report hypoplasia of breast

757.8 OTHER SPECIFIED ANOMALIES OF THE INTEGUMENT

757.9 UNSPECIFIED ANOMALY OF THE INTEGUMENT
Congenital:
- anomaly NOS
- deformity NOS

} of integument

CHROMOSOMAL ANOMALIES

CHROMOSOMAL ANOMALIES
Includes: syndromes associated with anomalies in the number and form of chromosomes

758.0 DOWN'S SYNDROME
Mongolism Trisomy: 21 or 22
Translocation Down's syndrome G

758.1 PATAU'S SYNDROME
Trisomy: 13
D_1

758.2 EDWARDS' SYNDROME
Trisomy: 18
E_3

758.3 AUTOSOMAL DELETION SYNDROMES
Antimongolism syndrome Cri-du-chat syndrome

758.4 BALANCED AUTOSOMAL TRANSLOCATION IN NORMAL INDIVIDUAL

758.5 OTHER CONDITIONS DUE TO AUTOSOMAL ANOMALIES
Accessory autosomes NEC

758.6 GONADAL DYSGENESIS
Ovarian dysgenesis XO syndrome
Turner's syndrome
Excludes: pure gonadal dysgenesis (752.7)

758.7 KLINEFELTER'S SYNDROME
XXY syndrome

758.8 OTHER CONDITIONS DUE TO SEX CHROMOSOME ANOMALIES
758.81 Other conditions due to sex chromosome anomalies
758.89 Other

758.9 CONDITIONS DUE TO ANOMALY OF UNSPECIFIED CHROMOSOME

OTHER AND UNSPECIFIED CONGENITAL ANOMALIES

OTHER AND UNSPECIFIED CONGENITAL ANOMALIES

759.0 ANOMALIES OF SPLEEN

Aberrant } spleen Congenital splenomegaly
Absent } spleen Ectopic spleen
Accessory } spleen Lobulation of spleen

759.1 ANOMALIES OF ADRENAL GLAND

Aberrant }
Absent } adrenal gland
Accessory }

Excludes: adrenogenital disorders (255.2)
congenital disorders of steroid metabolism (255.2)

759.2 ANOMALIES OF OTHER ENDOCRINE GLANDS

Absent parathyroid gland
Accessory thyroid gland
Persistent thyroglossal or thyrolingual duct
Thyroglossal (duct) cyst

Excludes: congenital:
goiter (246.1)
hypothyroidism (243)

759.3 SITUS INVERSUS

Situs inversus or transversus: Transposition of viscera:
abdominalis abdominal
thoracis thoracic

Excludes: dextrocardia without mention of complete transposition (746.87)

759.4 CONJOINED TWINS

Craniopagus Pygopagus
Dicephalus Thoracopagus
Double monster Xiphopagus

759.5 TUBEROUS SCLEROSIS

Bourneville's disease Epiloia

759.6 OTHER HAMARTOSES, NOT ELSEWHERE CLASSIFIED

Syndrome: Peutz-Jeghers
Sturge-Weber (-Dimitri)
von Hippel-Lindau

Excludes: neurofibromatosis (237.7)

759.7 MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED

Congenital: Monster NOS
anomaly, multiple NOS
deformity, multiple NOS

OTHER SPECIFIED ANOMALIES

759.81 PRADER-WILLI SYNDROME

759.82 MARFAN SYNDROME

759.89 OTHER

Congenital malformation syndromes affecting multiple systems, not elsewhere classified
Laurence-Moon-Biedl syndrome
Monster (single), specified type

759.9 CONGENITAL ANOMALY, UNSPECIFIED

CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

Includes: conditions which have their origin in the perinatal period even though death or morbidity occurs later

FETUS OR NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY

760.71 ALCOHOL
Fetal alcohol syndrome

760.75 COCAINE

760.79 OTHER
Fetus or newborn affected by:
immune sera }
medicinal agents NEC } transmitted via placenta or breast milk
toxic substance NEC }

INFECTIONS SPECIFIC TO THE PERINATAL PERIOD

771.0 CONGENITAL RUBELLA
Congenital rubella pneumonitis

771.1 CONGENITAL CYTOMEGALOVIRUS INFECTION
Congenital cytomegalic inclusion disease

771.2 OTHER CONGENITAL INFECTIONS
Congenital:
herpes simplex
listeriosis
malaria

Congenital:
toxoplasmosis
tuberculosis

CONDITIONS INVOLVING THE INTEGUMENT AND TEMPERATURE REGULATION OF FETUS AND NEWBORN

778.0 HYDROPS FETALIS NOT DUE TO ISOIMMUNIZATION
Idiopathic hydrops
Excludes: hydrops fetalis due to isoimmunization (773.3)

DRUG WITHDRAWAL SYNDROME IN NEWBORN

779.5 DRUG WITHDRAWAL SYNDROME IN NEWBORN
Drug withdrawal syndrome in infant of dependent mother
Excludes *fetal alcohol syndrome* (760.71)

NUMERICAL LIST OF NON REPORTABLE CONDITIONS

THIS LIST CONTAINS THE ICD-9-CM CODE
AND DESCRIPTION OF EACH CONDITION
NOT REPORTABLE TO THE MICHIGAN BIRTH DEFECTS REGISTRY
IF OCCURRING ALONE WITHOUT ANY OTHER REPORTABLE DEFECT

Revised 2/28/97
reflects revisions to ICD-9 Coding
effective 10/1/96

NUMERICAL LIST OF CONDITIONS NOT REPORTABLE IF OCCURRING ALONE WITHOUT ANY OTHER REPORTABLE DEFECT

These conditions should not be reported if they occur as an isolated problem or in combination with other normal variants. If the problem occurs with some other reportable defect, **please record it on the Report Form.** If there is any doubt whether to include a diagnosis, please record it on the Report Form. **DO NOT REPORT ANY 'V' CODES**.

130.0-130.9 Toxoplasmosis - see 771.2 for when toxoplasmosis is reportable

216.9 Sebaceous cysts - Skin, site unspecified

251.2 Hypoglycemia, idiopathic

286.5 Hemorrhagic disorder due to circulating anticoagulants

- Antithrombinemia
- Antithromboplastinemia
- Antithromboplastinogenemia
- Hyperheparinemia

Increase in:

- anti-VIIIa
- anti-IXa
- anti-Xa
- anti-XIa
- antithrombin

System lupus erythematosus (SLE) inhibitor

286.7 Acquired Coagulation Factor Deficiency

287.3 Congenital Thrombocytopenia **(if < 6 months)**

317-319 Mental Retardation

351 Facial nerve disorders (Disorders of 7th cranial nerve)

- Report for newborn (767.5)

359.4 Toxic myopathy

359.5 Myopathy in endocrine diseases classified elsewhere

359.6 Symptomatic inflammatory myopathy in diseases classified elsewhere

368.0 Amblyopia ex anopsia

427.5 Cardiac Arrest - Cardiorespiratory arrest

427.6 Premature Beats

427.60 Premature Beats, Unspecified

- Ectopic beats
- Extrasystoles
- Extrasystolic arrhythmia
- Premature contractions or systoles NOS

427.61 Supraventricular Premature Beats

- Atrial premature beats, contractions or systoles

427.69 Other

- Ventricular premature beats, contractions or systoles

520.3 Mottled teeth

- Dental fluorosis
- Mottling of enamel
- Nonfluoride enamel opacities

520.6 Disturbances in tooth eruption

520.7 Teething syndrome

524.2 Anomalies Of Dental Arch Relationship

- Crossbite (anterior) (posterior)
- Disto-occlusion
- Mesio-occlusion
- Midline deviation
- Open bite (anterior) (posterior)
- Overbite (excessive)
  - deep
  - horizontal
  - vertical
- Overjet
- Posterior lingual occlusion of mandibular teeth
- Soft tissue impingement

NUMERICAL LIST OF CONDITIONS NOT REPORTABLE IF OCCURRING ALONE WITHOUT ANY OTHER REPORTABLE DEFECT

CONTINUED

524.3	Anomalies Of Tooth Position Crowding of teeth Diastema of teeth Displacement of teeth Rotation of teeth Spacing, abnormal of teeth Transposition of teeth Impacted or embedded teeth with abnormal position of such teeth of adjacent teeth
524.4	Malocclusion, Unspecified
524.5	Dentofacial Functional Abnormalities Abnormal jaw closure Malocclusion due to: abnormal swallowing mouth breathing tongue, lip or finger habits
524.6	Temporomandibular Joint Disorders Ankylosis of temporomandibular joint Costen's complex or syndrome Derangement of temporomandibular joint Snapping jaw Temporomandibular joint-pain-dysfunction (TMJ)
524.8	Other Specified Dentofacial Anomalies
524.9	Unspecified Dentofacial Anomalies
527.6	Mucocele (Gum cysts)
530.81	Chalasia (Gastroesophageal reflux)
553.1	Umbilical hernia (completely covered by skin) (**Omphalocele is reportable under 756.7**)
560.0	Intussusception Intussusception (colon) (intestine) (rectum) Invagination of intestine or colon
560.1	Paralytic ileus Adynamic ileus Ileus (of intestine) (of bowel) (of colon) Paralysis of intestine or colon
565.0	Anal Fissure
593.1	Hypertrophy of kidney
605	Redundant prepuce and phimosis
608.2	Torsion of testis epididymis spermatic cord testicle
611.1	Hypertrophy of breast
685.1	Pilonidal cyst without mention of abscess
728.84	Diastasis Recti
747.0	Patent ductus arteriosus **(in live birth less than 2500 grams)** Patent ductus Botalli Persistent ductus arteriosus
750.0	Tongue tie - Ankyloglossia
750.12	Congenital adhesions of the tongue

NUMERICAL LIST OF CONDITIONS NOT REPORTABLE IF OCCURRING ALONE WITHOUT ANY OTHER REPORTABLE DEFECT

CONTINUED

752.52	Retractile testicle **(in live birth less than 2500 grams)**
754.0	Squashed or bent nose, congenital
754.32-.33	Subluxation of hip - unilateral or bilateral
754.43	Congenital bowing of tibia and fibula
754.61	Congenital Pes Planus Congenital rocker bottom flat foot Flat foot, congenital
754.62	Talipes calcaneovalgus
755.11	Syndactyly of fingers without fusion of bone
755.13	Syndactyly of toes without fusion of bone
755.66	Hammer toe
757.32	Port-wine stain **(Do not report if appears on nape of neck and eyelid only)**
757.33	Mongolian spots
760.2	Maternal infections affecting fetus
767.1	Injuries to scalp
767.6	Injury to brachial plexus Palsy or paralysis: brachial, Erb (-Duchenne), Klumpke (-Déjérine)
769	Respiratory distress syndrome Cardiorespiratory distress syndrome of newborn Hyaline membrane disease (pulmonary) Idiopathic respiratory distress syndrome [IRDS or RDS] of newborn Pulmonary hypoperfusion syndrome
770.2	Interstitial emphysema and related conditions Pneumomediastinum, Pneumoperidcardium, Pneumothorax } originating in the perinatal period
770.7	Chronic respiratory disease arising in perinatal period Bronchopulmonary dysplasia Interstitial pulmonary fibrosis of prematurity Wilson-Mikity Syndrome
771.6	Neonatal conjunctivitis and dacryocystitis
772.0	Fetal blood loss
772.6	Cutaneous hemorrhage Bruising, Ecchymoses, Petechiae, Superficial hematoma } in fetus or newborn
773.1	Hemolytic disease due to ABO isoimmunization
773.3	Hydrops fetalis **due to isoimmunization**
774.2	Neonatal jaundice associated with preterm delivery Hyperbilirubinemia of prematurity, not specified as congenital
775.5	Other transitory neonatal electrolyte disturbances Dehydration, neonatal
775.7	Late metabolic acidosis of newborn
777.1	Meconium obstruction
777.6	Perinatal intestinal perforation Meconium peritonitis
778.6	Congenital hydrocele (of tunica vaginalis)
779.8	Other specified conditions originating in the perinatal period (includes hypotonia (congenital) **Note: Hypotonia benign, congential, 358.8 is reportable**
785.2	Undiagnosed cardiac murmurs Heart murmur NOS

LISTING OF DEFECTS CODE
MICHIGAN BIRTH DEFECTS REPORTING SYSTEM
REPORTABLE CONDITIONS IN 1997

ICD 9 CODE EDITION	REPORTABLE ALONE	CODE DESCRIPTION
090	Yes	CONGENITAL SYPHILIS
090.0	Yes	EARLY CONGENITAL SYPHILIS, SYMPTOMATIC
090.1	Yes	EARLY CONGENITAL SYPHILIS, LATENT
090.2	Yes	EARLY CONGENITAL SYPHILIS, NOS
090.3	Yes	SYPHILITIC INTERSTITIAL KERATITIS
090.4	Yes	JUVENILE NEUROSYPHILIS
090.40	Yes	JUVENILE NEUROSYPHILIS NOS
090.41	Yes	CONGENITAL SYPHILITIC ENCEPHALITIS
090.42	Yes	CONGENITAL SYPHILITIC MENINGITIS
090.49	Yes	JUVENILE NEUROSYPHILIS NEC
090.9	Yes	CONGENITAL SYPHILIS NOS
130	No	TOXOPLASMOSIS
130.0	No	MENINGGOENCEPHALITIS DUE TO TOXOPLASMOSIS
130.1	No	CONJUNCTIVITIS DUE TO TOXOPLASMOSIS
130.2	No	CHORIORETINITIS DUE TO TOXOPLASMOSIS
130.3	No	MYOCARDITIS DUE TO TOXOPLASMOSIS
130.4	No	PNEUMONITIS DUE TO TOXOPLASMOSIS
130.5	No	HEPATITIS DUE TO TOXOPLASMOSIS
130.7	No	TOXOPLASMOSIS OF OTHER SPECIFIED SITES
130.8	No	MULTISYSTEMIC DISSEMINATED TOXOPLASMOSIS
130.9	No	TOXOPLASMOSIS UNSPECIFIED
216.9	No	SEBACEOUS CYSTS - SKIN, SITE UNSPECIFIED
237.7	Yes	NEUROFIBROMATOSIS
237.70	Yes	NEUROFIBROMATOSIS, UNSPECIFIED
237.71	Yes	NEUROFIBROMATOSIS, TYPE 1 [VON RECKLINGHAUSEN'S]
237.72	Yes	NEUROFIBROMATOSIS, TYPE2 [ACOUSTIC NEUROFIB]
243	Yes	CONGENITAL HYPOTHYROIDISM
251.2	No	HYPOGLYCEMIA, IDIOPATHIC
252.1	Yes	CONGENITAL HYPOPARATHYROIDISM
253.2	Yes	PANHYPOPITUITARISM
253.8	Yes	OTHER DISORDERS OF THE PITUITARY AND OTHER SYNDROME
255.2	Yes	ADRENOGENITAL DISORDERS
255.8	Yes	OTHER SPECIFIED DISORDERS OF ADRENAL GLANDS
257.8	Yes	OTHER TESTICULAR DYSFUNCTION
259.4	Yes	DWARFISM, NOT ELSEWHERE CLASSIFIED
270	Yes	DISORDERS OF AMINO-ACID TRANSPORT AND METABOLISM
270.0	Yes	DISTURBANCE OF AMINO-ACID TRANSPORT
270.1	Yes	PHENYLKETONURIA (PKU)
270.2	Yes	OTHER AROMATIC AMINO-ACID METABOLISM DISORDERS
270.3	Yes	BRANCHED-CHAIN AMINO-ACID METABOLISM DISORDERS
270.4	Yes	SULPHUR-BEARING AMINO-ACID METABOLISM DISORDERS
270.5	Yes	DISTURBANCES OF HISTIDINE METABOLISM
270.6	Yes	DISORDERS OF UREA CYCLE METABOLISM
270.7	Yes	OTHER STRAIGHT AMINO-ACID METABOLISM DISORDERS
270.8	Yes	OTHER SPECIFIED DISORDERS OF AMINO-ACID METABOLISM
270.9	Yes	UNSPECIFIED DISORDER OF AMINO-ACID METABOLISM
271	Yes	DISORDERS OF CARBOHYDRATE TRANSPORT AND METABOLISM
271.0	Yes	GLYCOGENOSIS
271.1	Yes	GALACTOSEMIA
271.2	Yes	HEREDITARY FRUCTOSE INTOLERANCE
271.3	Yes	INTEST. DISACCHARIDASE - MALABSORBPTION
271.4	Yes	RENAL GLYCOSURIA
271.8	Yes	OTHER SPEC DISORDERS OF CARBOHYDRATE TRANSP/METABO
271.9	Yes	UNSPECIFIED DISORDER OF CARBOHYDRATE TRANSP/METABO
272	Yes	DISORDER OF LIPOID METABOLISM
272.0	Yes	PURE HYPERCHOLESTEROLEMIA
272.1	Yes	PURE HYPERGLYCERIDEMIA
272.2	Yes	MIXED HYPERLIPIDEMIA

LISTING OF DEFECTS CODE
MICHIGAN BIRTH DEFECTS REPORTING SYSTEM
REPORTABLE CONDITIONS IN 1997

ICD 9 CODE EDITION	REPORTABLE ALONE	CODE DESCRIPTION
272.3	Yes	HYPERCHYLOMICRONEMIA
272.4	Yes	OTHER AND UNSPECIFIED HYPERLIPIDEMIA
272.5	Yes	LIPOPROTEIN DEFICIENCIES
272.6	Yes	LIPODYSTROPHY
272.7	Yes	LIPIDOSES
272.8	Yes	OTHER DISORDERS OF LIPOID METABOLISM
272.9	Yes	UNSPECIFIED DISORDER OF LIPOID METABOLISM
273	Yes	DISORDERS OF PLASMA PROTEIN METABOLISM
273.0	Yes	POLYCLONAL HYPERGAMMAGLOBULINEMIA
273.1	Yes	MONOCLONAL PARAPROTEINEMIA
273.2	Yes	OTHER PARAPROTEINEMIAS
273.3	Yes	MACROGLOBULINEMIA
273.8	Yes	OTHER DISORDERS OF PLASMA PROTEIN METABOLISM
273.9	Yes	UNSPECIFIED DISORDER OF PLASMA PROTEIN METABOLISM
275.3	Yes	DISORDERS OF PHOSPHORUS METABOLISM
277	Yes	OTHER AND UNSPECIFIED DISORDERS OF METABOLISM
277.0	Yes	CYSTIC FIBROSIS
277.00	Yes	CYSTIC FIBROSIS WITHOUT MENTION OF MECONIUM ILEUS
277.01	Yes	CYSTIC FIBROSIS WITH MECONIUM ILEUS
277.02	Yes	CYSTIC FIBROSIS WITH PULMONARY MANIFESTATIONS
277.03	Yes	CYSTIC FIBROSIS WITH GASTROINTESTINAL MANIFESTATIONS
277.09	Yes	CYSTIC FIBROSIS WITH OTHER MANIFESTATIONS
277.1	Yes	DISORDERS OF PORPHYRIN METABOLISM
277.2	Yes	OTHER DISORDERS - PURINE AND PYRIMIDINE METABOLISM
277.3	Yes	AMYLOIDOSIS
277.4	Yes	DISORDERS OF BILIRUBIN EXCRETION
277.5	Yes	MUCOPOLYSACCHARIDOSIS
277.6	Yes	OTHER DEFICIENCIES OF CIRCULATING ENZYMES
277.8	Yes	OTHER SPECIFIED DISORDERS OF METABOLISM
277.9	Yes	UNSPECIFIED DISORDER OF METABOLISM
279.11	Yes	DIGEORGE'S SYNDROME
279.2	Yes	COMBINED IMMUNITY DEFICIENCY
282	Yes	HEREDITARY HEMOLYTIC ANEMIAS
282.0	Yes	HEREDITARY SPHEROCYTOSIS
282.1	Yes	HEREDITARY ELLIPTOCYTOSIS
282.2	Yes	ANEMIAS DUE TO DISORDERS OF GLUTATHIONE METABOLISM
282.3	Yes	OTHER HEMOLYTIC ANEMIAS DUE TO ENZYME DEFICIENCY
282.4	Yes	THALASSEMIAS
282.5	Yes	SICKLE-CELL TRAIT
282.60	Yes	SICKLE-CELL ANEMIA, UNSPECIFIED
282.61	Yes	HB-S DISEASE WITHOUT MENTION OF CRISIS
282.62	Yes	HB-S DISEASE WITH MENTION OF CRISIS
282.63	Yes	SICKLE-CELL/HB-C DISEASE
282.69	Yes	OTHER
282.7	Yes	OTHER HEMOGLOBINOPATHIES
282.8	Yes	OTHER SPECIFIED HEREDITARY HEMOLYTIC ANEMIAS
282.9	Yes	HEREDITARY HEMOLYTIC ANEMIA, UNSPECIFIED
284	Yes	APLASTIC ANEMIA
284.0	Yes	CONSTITUTIONAL APLASTIC ANEMIA
286	Yes	COAGULATION DEFECTS
286.0	Yes	CONGENITAL FACTOR VIII DISORDER
286.1	Yes	CONGENITAL FACTOR IX DISORDER
286.2	Yes	CONGENITAL FACTOR XI DEFICIENCY
286.3	Yes	CONGENITAL DEFICIENCY OF OTHER CLOTTING FACTORS
286.4	Yes	VON WILLEBRAND'S DISEASE
286.5	No	HEMORRHAGIC DISORDER DUE TO ANTICOAGULANTS
286.6	Yes	DEFIBRINATION SYNDROME
286.7	No	ACQUIRED COAGULATION FACTOR DEFICIENCY

LISTING OF DEFECTS CODE
MICHIGAN BIRTH DEFECTS REPORTING SYSTEM
REPORTABLE CONDITIONS IN 1997

ICD 9 CODE EDITION	REPORTABLE ALONE	CODE DESCRIPTION
286.9	Yes	OTHER AND UNSPECIFIED COAGULATION DEFECT
287.3	No	CONGENITAL THROMBOCYTOPENIA (if < 6 months)
317	No	MILD MENTAL RETARDATION
318	No	OTHE SPECIFIED MENTAL RETARDATION
318.0	No	MODERATE MENTAL RETARDATION
318.1	No	SEVERE MENTAL RETARDATION
318.2	No	PROFOUND MENTAL RETARDATION
319	No	UNSPECIFIED MENTAL RETARDATION
330.1	Yes	CEREBRAL LIPIDOSES
331.7	Yes	CEREBRAL DEGENERATION FROM OTHER DISEASES
331.89	Yes	OTHER FAMILIAL CEREBRAL DEGENERATIVE DISEASE
331.9	Yes	CEREBRAL DEGENERATION, UNSPECIFIED
334.1	Yes	HEREDITARY SPASTIC PARAPLEGIA
334.2	Yes	PRIMARY CEREBELLAR DEGENERATION
335.0	Yes	WERDNIG-HOFFMANN DISEASE
337.9	Yes	UNSPECIFIED DISORDER OF AUTONOMIC NERVOUS SYSTEM
343.0	Yes	DIPLEGIC CEREBRAL PALSY
343.1	Yes	HEMIPLEGIC CEREBRAL PALSY
343.2	Yes	QUADRIPLEGIC CEREBRAL PALSY
343.3	Yes	MONOPLEGIC CEREBRAL PALSY
343.4	Yes	INFANTILE HEMIPLEGIA CEREBRAL PALSY
343.8	Yes	OTHER SPECIFIED INFANTILE CEREBRAL PALSY
343.9	Yes	INFANTILE CEREBRAL PALSY, UNSPECIFIED
345.6	Yes	INFANTILE SPASMS
348.0	Yes	CEREBRAL CYSTS
351	No	FACIAL NERVE DISORDERS
351.0	No	BELL'S PALSY
351.1	No	GENICULATE GANGLIONITIS
351.8	No	OTHER FACIAL NERVE DISORDERS
351.9	No	FACIAL NERVE DISORDER UNSPECIFIED
352.6	Yes	MULTIPLE CRANIAL NERVE PALSIES
356	Yes	HEREDITARY AND IDIOPATHIC PERIPHERAL NEUROPATHY
356.0	Yes	HEREDITARY PERIPHERAL NEUROPATHY
356.1	Yes	PERONEAL MUSCLE ATROPHY
356.2	Yes	HEREDITARY SENSORY NEUROPATHY
356.3	Yes	REFSUM'S DISEASE
356.4	Yes	IDIOPATHIC PROGRESSIVE POLYNEUROPATHY
356.8	Yes	OTHER SPECIFIED IDIOPATHIC PERIPHERAL NEUROPATHY
356.9	Yes	UNSPECIFIED PERIPHERAL NEUROPATHY
358	Yes	MYONEURAL DISORDERS
358.0	Yes	MYASTHENIA GRAVIS
358.1	Yes	MYASTHENIC SYNDROMES FROM OTHER DISEASES
358.2	Yes	TOXIC MYONEURAL DISORDERS
358.8	Yes	OTHER SPECIFIED MYONEURAL DISORDERS
358.9	Yes	MYONEURAL DISORDERS, UNSPECIFIED
359	Yes	MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES
359.0	Yes	CONGENITAL HEREDITARY MUSCULAR DYSTROPHY
359.1	Yes	HEREDITARY PROGRESSIVE MUSCULAR DYSTROPHY
359.2	Yes	MYOTONIC DISORDERS
359.3	Yes	FAMILIAL PERIODIC PARALYSIS
359.4	No	TOXIC MYOPATHY
359.5	No	MYOPATHY IN ENDOCRINE DISEASE CLASSIFIED ELSEWHERE
359.6	No	SYMPTOMATIC INFLAM MYOPATHY IN OTHER DISEASES
359.8	Yes	OTHER MYOPATHIES
359.9	Yes	MYOPATHY, UNSPECIFIED
362.21	Yes	RETROLENTAL FIBROPLASIA
362.29	Yes	OTHER NONDIABETIC PROLIFERATIVE RETINOPATHY
362.60	Yes	PERIPHERAL RETINAL DEGENERATION, UNSPECIFIED

LISTING OF DEFECTS CODE
MICHIGAN BIRTH DEFECTS REPORTING SYSTEM
REPORTABLE CONDITIONS IN 1997

ICD 9 CODE EDITION	REPORTABLE ALONE	CODE DESCRIPTION
362.61	Yes	PAVING STONE DEGENERATION
362.62	Yes	MICROCYSTOID DEGENERATION
362.63	Yes	LATTICE DEGENERATION
362.64	Yes	SENILE RETICULAR DEGENERATION
362.65	Yes	SECONDARY PIGMENTARY DEGENERATION
362.66	Yes	SECONDARY VITREORETINAL DEGENERATIONS
363.20	Yes	CHORIORETINITIS, UNSPECIFIED
368.0	No	AMBLYOPIA EX ANOPSIA
368.00	No	AMBLYOPIA UNSPECIFIED
368.01	No	STRABISMIC AMBLYOPIA
368.02	No	DEPRIVATION AMBLYOPIA
368.03	No	REFRACTIVE AMBLYOPIA
369	Yes	BLINDNESS AND LOW VISION
369.0	Yes	PROFOUND BLINDNESS, BOTH EYES
369.00	Yes	VISUAL IMPAIRMENT, BOTH EYES, NOS
369.01	Yes	TOTAL VISUAL IMPAIRMENT, BOTH EYES
369.02	Yes	BETTER EYE - NEAR TOTAL IMPAIRMENT, LESSER NOS
369.03	Yes	BETTER EYE - NEAR TOTAL IMPAIRMENT, LESSER TOTAL
369.04	Yes	BETTER EYE - NEAR TOTAL, LESSER NEAR TOTAL
369.05	Yes	BETTER EYE - PROFOUND IMPAIRMENT, LESSER NOS
369.06	Yes	BETTER EYE - PROFOUND IMPAIRMENT, LESSER TOTAL
369.07	Yes	BETTER EYE, PROFOUND IMPAIRMENT, LESSER NEAR TOTAL
369.08	Yes	BETTER AND LESSER EYE - PROFOUND IMPAIRMENT
369.1	Yes	MODERATE TO SEVERE VISUAL IMPAIRMENT, ONE EYE
369.10	Yes	MODERATE VISUAL IMPAIRMENT, LEVEL NOS
369.11	Yes	BETTER EYE - SEVERE IMPAIRMENT, LESSER EYE BLIND
369.12	Yes	BETTER EYE - SEVERE IMPAIRMENT, LESSER EYE TOTAL
369.13	Yes	BETTER EYE - SEVERE IMPAIRMENT, LESSER NEAR TOTAL
369.14	Yes	BETTER EYE - SEVERE IMPAIRMENT, LESSER PROFOUND
369.15	Yes	BETTER EYE - MODERATE IMPAIRMENT, LESSER BLIND NOS
369.16	Yes	BETTER EYE - MODERATE IMPAIRMENT, LESSER TOTAL
369.17	Yes	BETTER EYE-MODERATE IMPAIRMENT, LESSER NEAR TOTAL
369.18	Yes	BETTER EYE - MODERATE IMPAIRMENT, LESSER PROFOUND
369.2	Yes	MODERATE OR SEVERE VISUAL IMPAIRMENT, BOTH EYES
369.20	Yes	MODERATE OR SEVERE IMPAIRMENT, BOTH EYES NOS
369.21	Yes	BETTER EYE - SEVERE IMPAIRMENT, LESSER NOS
369.22	Yes	BETTER EYE - SEVERE IMPAIRMENT, LESSER SEVERE
369.23	Yes	BETTER EYE - MODERATE IMPAIRMENT, LESSER NOS
369.24	Yes	BETTER EYE - MODERATE IMPAIRMENT, LESSER SEVERE
369.25	Yes	BETTER EYE - MODERATE IMPAIRMENT, LESSER MODERATE
369.3	Yes	UNQUALIFIED VISUAL LOSS BOTH EYES
369.4	Yes	LEGAL BLINDNESS, AS DEFINED IN THE USA
369.6	Yes	PROFOUND IMPAIRMENT - ONE EYE
369.60	Yes	PROFOUND IMPAIRMENT - ONE EYE NOS
369.61	Yes	ONE EYE - TOTAL IMPAIRMENT, OTHER EYE - NOS
369.62	Yes	ONE EYE - TOTAL IMPAIRMENT, OTHER EYE - NEAR
369.63	Yes	ONE EYE - TOTAL IMPAIRMENT; OTHER EYE - NORMAL
369.64	Yes	ONE EYE - NEAR TOTAL IMPAIRMENT; OTHER EYE - NOS
369.65	Yes	ONE EYE - NEAR TOTAL IMPAIR, OTHER EYE - NEAR NORM
369.66	Yes	ONE EYE - NEAR TOTAL IMPAIRMENT, OTHER EYE - NORM
369.67	Yes	ONE EYE - PROFOUND IMPAIRMENT; OTHER EYE - NOS
369.68	Yes	ONE EYE - PROFOUND IMPAIRMENT, OTHER - NEAR NORMAL
369.69	Yes	ONE EYE - PROFOUND IMPAIRMENT, OTHER EYE - NORMAL
369.7	Yes	MODERATE OR SEVERE VISUAL IMPAIRMENT, ONE EYE
369.70	Yes	MODERATE OR SEVERE IMPAIRMENT - ONE EYE NOS
369.71	Yes	ONE EYE - SEVERE IMPAIRMENT, OTHER EYE - NOS
369.72	Yes	ONE EYE - SEVERE IMPAIRMENT, OTHER NEAR NORMAL
369.73	Yes	ONE EYE - SEVERE IMPAIRMENT, OTHER EYE - NORMAL

LISTING OF DEFECTS CODE
MICHIGAN BIRTH DEFECTS REPORTING SYSTEM
REPORTABLE CONDITIONS IN 1997

ICD 9 CODE EDITION	REPORTABLE ALONE	CODE DESCRIPTION
369.74	Yes	ONE EYE - MODERATE IMPAIRMENT, OTHER EYE - NOS
369.75	Yes	ONE EYE - MODERATE IMPAIR,OTHER EYE - NEAR NORMAL
369.76	Yes	ONE EYE - MODERATE IMPAIRMENT, OTHER EYE - NORMAL
369.8	Yes	UNQUALIFIED VISUAL LOSS, ONE EYE
369.9	Yes	UNSPECIFIED VISUAL LOSS
377.16	Yes	HEREDITARY OPTIC ATROPHY
378	Yes	STRABISMUS AND OTHER EYE MOVEMENT DISORDERS
378.0	Yes	ESOTROPIA
378.00	Yes	ESOTROPIA, NOS
378.01	Yes	MONOCULAR ESOTROPIA
378.02	Yes	MONOCULAR ESOTROPIA WITH A PATTERN
378.03	Yes	MONOCULAR ESOTROPIA WITH V PATTERN
378.04	Yes	MONOCULAR ESOTROPIA WITH OTHER NONCOMITANCIES
378.05	Yes	ALTERNATING ESOTROPIA
378.06	Yes	ALTERNATING ESOTROPIA WITH A PATTERN
378.07	Yes	ALTERNATING ESOTROPIA WITH V PATTERN
378.08	Yes	ALTERNATING ESOTROPIA WITH OTHER NONCOMITANCIES
378.1	Yes	EXOTROPIA
378.10	Yes	EXOTROPIA, UNSPECIFIED
378.11	Yes	MONOCULAR EXOTROPIA
378.12	Yes	MONOCULAR EXOTROPIA WITH A PATTERN
378.13	Yes	MONOCULAR EXOTROPIA WITH V PATTERN
378.14	Yes	MONOCULAR EXOTROPIA WITH OTHER NONCOMITANCIES
378.15	Yes	ALTERNATING EXOTROPIA
378.16	Yes	ALTERNATING EXOTROPIA WITH A PATTERN
378.17	Yes	ALTERNATING EXOTROPIA WITH V PATTERN
378.18	Yes	ALTERNATING EXOTROPIA WITH OTHER NONCOMITANCIES
378.2	Yes	INTERMITTENT HETEROTROPIA
378.20	Yes	INTERMITTENT HETEROTROPIA, UNSPECIFIED
378.21	Yes	INTERMITTENT ESOTROPIA, MONOCULAR
378.22	Yes	INTERMITTENT ESOTROPIA, ALTERNATING
378.23	Yes	INTERMITTENT EXOTROPIA, MONOCULAR
378.24	Yes	INTERMITTENT EXOTROPIA, ALTERNATING
378.3	Yes	OTHER AND UNSPECIFIED HETEROTROPIA
378.30	Yes	HETEROTROPIA, UNSPECIFIED
378.31	Yes	HYPERTROPIA
378.32	Yes	HYPOTROPIA
378.33	Yes	CYCLOTROPIA
378.34	Yes	MONOFIXATION SYNDROME
378.35	Yes	ACCOMMODATIVE COMPONENT IN ESOTROPIA
378.4	Yes	HETEROPHORIA
378.40	Yes	HETEROPHORIA, UNSPECIFIED
378.41	Yes	ESOPHORIA
378.42	Yes	EXOPHORIA
378.43	Yes	VERTICAL HETEROPHORIA
378.44	Yes	CYCLOPHORIA
378.45	Yes	ALTERNATING HYPERPHORIA
378.5	Yes	PARALYTIC STRABISMUS
378.50	Yes	PARALYTIC STRABISMUS UNSPECIFIED
378.51	Yes	THIRD OR OCULOMOTOR NERVE PALSY, PARTIAL
378.52	Yes	THIRD OR OCULOMOTOR NERVE PALSY, TOTAL
378.53	Yes	FOURTH OR TROCHLEAR NERVE PALSY
378.54	Yes	SIXTH OR ABDUCENS NERVE PALSY
378.55	Yes	EXTERNAL OPHTHALMOPLEGIA
378.56	Yes	TOTAL OPHTHALMOPLEGIA
378.6	Yes	MECHANICAL STRABISMUS
378.60	Yes	MECHANICAL STRABISMUS, UNSPECIFIED
378.61	Yes	BROWN'S (TENDON) SHEATH SYNDROME

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378.62	Yes	MECHANICAL STRABISMUS FROM OTHER MUSCULOFACIAL DIS
378.63	Yes	LIMITED DUCTION ASSOCIATED WITH OTHER CONDITIONS
378.7	Yes	OTHER SPECIFIED STRABISMUS
378.71	Yes	DUANE'S SYNDROME
378.72	Yes	PROGRESSIVE EXTERNAL OPHTHALMOPLEGIA
378.73	Yes	STRABISMUS IN OTHER NEUROMUSCULAR DISORDERS
378.8	Yes	OTHER DISORDERS OF BINOCULAR EYE MOVEMENTS
378.81	Yes	PALSY OF CONJUGATE GAZE
378.82	Yes	SPASM OF CONJUGATE GAZE
378.83	Yes	CONVERGENCE INSUFFICIENCY OR PALSY
378.84	Yes	CONVERGENCE EXCESS OR SPASM
378.85	Yes	ANOMALIES OF DIVERGENCE OF EYES
378.86	Yes	INTERNUCLEAR OPHTHALMOPLEGIA
378.87	Yes	OTHER DISSOCIATED DEVIATION OF EYE MOVEMENTS
378.9	Yes	UNSPECIFIED DISORDERS OF EYE MOVEMENTS
379.5	Yes	NYSTAGMUS AND OTHER IRREGULAR EYE MOVEMENTS
379.50	Yes	NYSTAGMUS, UNSPECIFIED
379.51	Yes	CONGENITAL NYSTAGMUS
379.52	Yes	LATENT NYSTAGMUS
379.53	Yes	VISUAL DEPRIVATION NYSTAGMUS
379.54	Yes	NYSTAGMUS ASSOCIATED WITH VESTIBULAR DISORDERS
379.55	Yes	DISSOCIATED NYSTAGMUS
379.56	Yes	OTHER FORMS OF NYSTAGMUS
379.57	Yes	DEFICIENCIES OF SACCADIC EYE MOVEMENTS
379.58	Yes	DEFICIENCIES OF SMOOTH PURSUIT MOVEMENTS
379.59	Yes	OTHER IRREGULARITIES OF EYE MOVEMENTS
389.00	Yes	CONDUCTIVE HEARING LOSS, UNSPECIFIED
389.01	Yes	CONDUCTIVE HEARING LOSS, EXTERNAL EAR
389.02	Yes	CONDUCTIVE HEARING LOSS, TYMPANIC MEMBRANE
389.03	Yes	CONDUCTIVE HEARING LOSS, MIDDLE EAR
389.04	Yes	CONDUCTIVE HEARING LOSS, INNER EAR
389.08	Yes	CONDUCTIVE HEARING LOSS OF COMBINED TYPES
389.10	Yes	SENSORINEURAL HEARING LOSS, UNSPECIFIED
389.11	Yes	SENSORY HEARING LOSS
389.12	Yes	NEURAL HEARING LOSS
389.14	Yes	CENTRAL HEARING LOSS
389.18	Yes	SENSORINEURAL HEARING LOSS OF COMBINED TYPES
389.2	Yes	MIXED CONDUCTIVE AND SENSORINEURAL HEARING LOSS
389.8	Yes	OTHER SPECIFIED FORMS OF HEARING LOSS
389.9	Yes	UNSPECIFIED HEARING LOSS
425.0	Yes	ENDOMYOCARDIAL FIBROSIS
425.1	Yes	HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY
425.3	Yes	ENDOCARDIAL FIBROELASTOSIS
425.4	Yes	OTHER PRIMARY CARDIOMYOPATHIES
426.0	Yes	ATRIOVENTRICULAR BLOCK, COMPLETE
426.1	Yes	ATRIOVENTRICULAR BLOCK, OTHER AND UNSPECIFIED
426.10	Yes	ATRIOVENTRICULAR BLOCK, UNSPECIFIED
426.11	Yes	FIRST DEGREE ATRIOVENTRICULAR BLOCK
426.12	Yes	MOBITZ (type) II ATRIOVENTRICULAR BLOCK
426.13	Yes	OTHER SECOND DEGREE ATRIOVENTRICULAR BLOCK
426.2	Yes	LEFT BUNDLE BRANCH HEMIBLOCK
426.3	Yes	OTHER LEFT BUNDLE BRANCH BLOCK
426.4	Yes	RIGHT BUNDLE BRANCH BLOCK
426.5	Yes	BUNDLE BRANCH BLOCK, OTHER AND UNSPECIFIED
426.50	Yes	BUNDLE BRANCH BLOCK, UNSPECIFIED
426.51	Yes	RIGHT BUNDLE BRANCH AND LEFT POST FASCIAL BLOCK
426.52	Yes	RIGHT BUNDLE BRANCH AND LEFT ANT FASCICULAR BLOCK
426.53	Yes	OTHER BILATERAL BUNDLE BRANCH BLOCK

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426.54	Yes	TRIFASCICULAR BLOCK
426.6	Yes	OTHER HEART BLOCK
426.7	Yes	ANOMALOUS ATRIOVENTRICULAR EXCITATION
426.8	Yes	OTHER SPECIFIED CARDIAC CONDUCTION DISORDERS
426.81	Yes	LOWN-GANONG-LEVINE SYNDROME
426.89	Yes	OTHER SPECIFIED CARDIAC INDUCTION DISORDERS
426.9	Yes	CARDIAC CONDUCTION DISORDER, UNSPECIFIED
427	Yes	CARDIAC DYSRHYTHMIAS
427.0	Yes	PAROXYSMAL SUPRAVENTRICULAR TACHYCARDIA
427.1	Yes	PAROXYSMAL VENTRICULAR TACHYCARDIA
427.2	Yes	PAROXYSMAL TACHYCARDIA, UNSPECIFIED
427.3	Yes	ATRIAL FIBRILLATION AND FLUTTER
427.31	Yes	ATRIAL FIBRILLATION
427.32	Yes	ATRIAL FLUTTER
427.4	Yes	VENTRICULAR FIBRILLATION AND FLUTTER
427.41	Yes	VENTRICULAR FIBRILLATION
427.42	Yes	VENTRICULAR FLUTTER
427.5	No	CARDIAC ARREST
427.6	No	PREMATURE HEART BEATS
427.60	No	PREMATURE BEATS UNSPECIFIED
427.61	No	SUPRAVENTRICULAR PREMATURE BEATS
427.69	No	OTHER PREMATURE HEART BEATS
427.8	Yes	OTHER SPECIFIED CARDIAC DYSRHYTHMIAS
427.81	Yes	SINOATRIAL NODE DYSFUNCTION
427.89	Yes	OTHER SPECIFIED CARDIAC DYSRHYTHMIAS
427.9	Yes	CARDIAC DYSRHYTHMIA, UNSPECIFIED
434	Yes	OCCLUSION OF CEREBRAL ARTERY
434.0	Yes	CEREBRAL THROMBOSIS
434.1	Yes	CEREBRAL EMBOLISM
434.9	Yes	CEREBRAL ARTERY OCCLUSION, UNSPECIFIED
453.0	Yes	BUDD-CHIARI SYNDROME
520	Yes	TOOTH DEVELOPMENT/ERUPTION DISORDERS
520.0	Yes	ANODONTIA
520.1	Yes	SUPERNUMERARY TEETH
520.2	Yes	ABNORMALITIES OF TOOTH SIZE AND FORM
520.3	No	MOTTLED TEETH
520.4	Yes	DISTURBANCES OF TOOTH FORMATION
520.5	Yes	HEREDITARY DISTURBANCES IN TOOTH STRUCTURE, NOS
520.6	No	DISTURBANCES IN TOOTH ERUPTION
520.7	No	TEETHING SYNDROME
520.8	Yes	OTHER SPEC TOOTH DEVELOPMENT AND ERUPTION DISORDER
520.9	Yes	UNSPEC DISORDER OF TOOTH DEVELOPMENT AND ERUPTION
524	Yes	DENTOFACIAL ANOMALIES, INCLUDING MALOCCLUSION
524.0	Yes	MAJOR ANOMALIES OF JAW SIZE
524.00	Yes	UNSPECIFIED ANOMALY OF THE JAW
524.01	Yes	MAXILLARY HYPERPLASIA
524.02	Yes	MANDIBULAR HYPERPLASIA
524.03	Yes	MAXILLARY HYPOPLASIA
524.04	Yes	MANDIBULAR HYPOPLASIA
524.05	Yes	MACROGENIA
524.06	Yes	MICROGENIA
524.09	Yes	OTHER SPECIFIED ANOMALY OF THE JAW
524.1	Yes	ANOMALIES OF RELATIONSHIP OF JAW TO CRANIAL BASE
524.10	Yes	UNSPECIFIED ANOMALY OF JAW TO CRANIAL BASE
524.11	Yes	MAXILLARY ASYMMETRY
524.12	Yes	OTHER JAW ASYMMETRY
524.19	Yes	OTHER SPECIFIED ANOMALY OF JAW TO CRANIAL BASE
524.2	No	ANOMALIES OF DENTAL ARCH RELATIONSHIP

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524.3	No	ANOMALIES OF TOOTH POSITION
524.4	No	MALOCCLUSION UNSPECIFIED
524.5	No	DENTOFACIAL FUNCTIONAL ABNORMALITIES
524.6	No	TEMPOROMANDIBULAR jOINT DISORDERS
524.8	No	OTHER SPECIFIED DENTOFACIAL ANOMALIES
524.9	No	UNSPECIFIED DENTOFACIAL ANOMALIES
527.6	No	MUCOCELE
530.81	No	CHALASIA
537.1	Yes	GASTRIC DIVERTICULUM
550	Yes	INGUINAL HERNIA
550.0	Yes	INGUINAL HERNIA WITH GANGRENE WITH OBSTRUCTION
550.00	Yes	UNILATERAL OR UNSPEC INGUINAL HERNIA WITH OBSTR
550.01	Yes	RECURRENT UNILATERAL INGUINAL HERNIA WITH GANGRENE
550.02	Yes	BILATERAL INGUINAL HERNIA WITH GANGRENE
550.03	Yes	RECURRENT BILATERAL INGUINAL HERNIA WITH GANGRENE
550.1	Yes	INGUINAL HERNIA WITH OBSTRUCTION, GANGRENE UNSPEC
550.10	Yes	UNILATERAL OR UNSPEC INGUINAL HERNIA WITH OBSTRUCT
550.11	Yes	RECURRENT UNILATERAL INGUINAL HERNIA WITH OBSTRUCT
550.12	Yes	BILATERAL INGUINAL HERNIA WITH OBSTRUCTION
550.13	Yes	RECURRENT BILATERAL INGUINAL HERNIA WITH OBSTRUCTION
550.9	Yes	INGUINAL HERNIA WITHOUT MENTION OF OBSTR OR GANGRENE
550.90	Yes	UNILATERAL INGUINAL HERNIA
550.91	Yes	RECURRENT UNILATERAL INGUINAL HERNIA
550.92	Yes	BILATERAL INGUINAL HERNIA
550.93	Yes	RECURRENT BILATERAL INGUINAL HERNIA
553	Yes	OTHER ABDOMINAL HERNIA, (OBSTR OR GANGRENE NOS)
553.0	Yes	FEMORAL HERNIA
553.00	Yes	UNILATERAL OR UNSP FEMORAL HERNIA (RECURRENT NOS)
553.01	Yes	RECURRENT UNILATERAL OR UNSPECIFIED FEMORAL HERNIA
553.02	Yes	BILATERAL FEMORAL HERNIA (RECURRENT NOS)
553.03	Yes	RECURRENT BILATERAL FEMORAL HERNIA
553.1	No	UMBILICAL HERNIA
553.2	Yes	VENTRAL HERNIA
553.20	Yes	VENTRAL HERNIA NOS
553.29	Yes	OTHER SPECIFIED VENTRAL HERNIA
553.3	Yes	DIAPHRAGMATIC HERNIA
553.8	Yes	HERNIA OF OTHER SPECIFIED SITES
553.9	Yes	HERNIA OF UNSPECIFIED SITE
560.0	No	INTUSSUSCEPTION
560.1	No	PARALYTIC ILEUS
560.2	Yes	VOLVULUS OF INTESTINE
560.9	Yes	INTESTINAL OBSTRUCT NOS
565.0	No	ANAL FISSURE
565.1	Yes	ANAL FISTULA
569.2	Yes	RECTAL AND ANAL STENOSIS
569.81	Yes	INTESTINAL FISTULA, EXCLUDING RECTUM AND ANUS
593.1	No	HYPERTROPHY OF KIDNEY
593.3	Yes	STRICTURE OR KINKING OF URETER
593.5	Yes	HYDROURETER
593.82	Yes	URETERAL FISTULA
596.1	Yes	INTESTINOVESICAL FISTULA
596.2	Yes	VESICAL FISTULA NEC
598.9	Yes	URETHRAL STRICTURE NOS
599.1	Yes	URETHRAL FISTULA
599.6	Yes	URINARY OBSTRUCTION NOS
605	No	REDUNDANT PREPUCE AND PHIMOSIS
608.2	No	TORSION OF TESTIS
611.1	No	HYPERTROPHY OF BREAST

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619	Yes	FEMALE GENITAL TRACT FISTULA
619.0	Yes	URINARY-GENITAL TRACT FISTULA, FEMALE
619.1	Yes	DIGESTIVE-GENITAL TRACT FISTULA, FEMALE
619.2	Yes	GENITAL TRACT-SKIN FISTULA, FEMALE
619.8	Yes	FEMALE GENITAL TRACT FISTULA NEC
619.9	Yes	FEMALE GENITAL TRACT FISTULA NOS
653.7	Yes	OTHER FETAL ABNORMALITY CAUSING DISPROPORTION
658	Yes	OTHER PROBLEMS OF AMNIOTIC CAVITY AND MEMBRANES
658.8	Yes	OTHER UNSPEC ANTEPARTUM AMNIOTIC/MEMBRANE PROB
658.81	Yes	AMNIOTIC CAVITY AND MEMBR PROB, ANTEPARTUM UNSPEC
658.83	Yes	OTHER ANTEPARTUM CONDITION OR COMPLICATION
685.1	No	PILONIDAL CYST WITHOUT MENTION OF ABCESS
728.84	No	DIASTASIS RECTI
733	Yes	OTHER DISORDERS OF BONE AND CARTILAGE
733.3	Yes	HYPEROSTOSIS OF SKULL
740	Yes	ANENCEPHALUS AND SIMILAR ANOMALIES
740.0	Yes	ANENCEPHALUS
740.1	Yes	CRANIORACHISCHISIS
740.2	Yes	INIENCEPHALY
741	Yes	SPINA BIFIDA
741.0	Yes	SPINA BIFIDA WITH HYDROCEPHALUS
741.00	Yes	SPINA BIFIDA WITH HYDROCEPHALUS NOS
741.01	Yes	SPINA BIFIDA WITH HYDROCEPHALUS - CERVICAL
741.02	Yes	SPINA BIFIDA WITH HYDROCEPHALUS - DORSAL REGION
741.03	Yes	SPINAL BIFIDA WITH HYDROCEPHALUS - LUMBAR REGION
741.9	Yes	SPINA BIFIDA WITHOUT MENTION OF HYDROCEPHALUS
741.90	Yes	SPINA BIFIDA WITHOUT HYDROCEPHALUS, UNSPEC REGION
741.91	Yes	SPINA BIFIDA WITHOUT HYDROCEPHALUS, CERVICAL
741.92	Yes	SPINA BIFIDA WITHOUT HYDROCEPHALUS, DORSAL
741.93	Yes	SPINA BIFIDA WITHOUT HYDROCEPHALUS, LUMBAR
742	Yes	OTHER CONGENITAL NERVOUS SYSTEM ANOMALIES
742.0	Yes	ENCEPHALOCELE
742.1	Yes	MICROCEPHALUS
742.2	Yes	REDUCTION DEFORMITY, BRAIN
742.3	Yes	CONGENITAL HYDROCEPHALUS
742.4	Yes	BRAIN ANOMALY NEC
742.5	Yes	SPINAL CORD ANOMALY NEC
742.51	Yes	DIASTEMATOMYELIA
742.53	Yes	HYDROMYELIA
742.59	Yes	OTHER SPECIFIED SPINAL CORD ANOMALY
742.8	Yes	OTHER SPECIFIED ANOMALIES OF NERVOUS SYSTEM
742.9	Yes	UNSPEC ANOM BRAIN, SPINAL CORD, AND NERVOUS SYSTEM
743	Yes	CONGENITAL EYE ANOMALIES
743.0	Yes	ANOPHTHALMOS
743.00	Yes	CLINICAL ANOPHTHALMOS NOS
743.03	Yes	CONGENITAL CYSTIC EYEBALL
743.06	Yes	CRYPTOPHTHALMOS
743.1	Yes	MICROPHTHALMOS
743.10	Yes	MICROPHTHALMOS NOS
743.11	Yes	SIMPLE MICROPHTHALMOS
743.12	Yes	MICROPHTHALMOS ASSOC WITH ANOM OF EYE & ADNEXA NEC
743.2	Yes	BUPHTHALMOS
743.20	Yes	BUPHTHALMOS NOS
743.21	Yes	SIMPLE BUPHTHALMOS
743.22	Yes	BUPHTHALMOS WITH OTHER OCULAR ANOMALIES
743.3	Yes	CONGENITAL CATARACT/LENS ANOMALIES
743.30	Yes	CONGENITAL CATARACT NOS
743.31	Yes	CAPSULAR AND SUBCAPSULAR CATARACT

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743.32	Yes	CORTICAL/ZONULAR CATARACT
743.33	Yes	NUCLEAR CATARACT
743.34	Yes	TOTAL AND SUBTOTAL CATARACT, CONGENITAL
743.35	Yes	CONGENITAL APHAKIA
743.36	Yes	ANOMALIES OF LENS SHAPE
743.37	Yes	CONGENITAL ECTOPIC LENS
743.39	Yes	CONGENITAL CATARACT/LENS ANOMALIES NEC
743.4	Yes	COLOBOMA AND OTHER ANTERIOR SEGMENT ANOMALIES
743.41	Yes	ANOMALIES OF CORNEAL SIZE AND SHAPE
743.42	Yes	CONGENITAL CORNEA OPACITIES AFFECTING VISION
743.43	Yes	OTHER CONGENITAL CORNEAL OPACITIES NEC
743.44	Yes	SPEC ANOMALIES OF ANTERIOR CHAMBER, CHAMBER ANGLE
743.45	Yes	ANIRIDIA
743.46	Yes	ANOMALIES OF IRIS AND CILIARY BODY NEC
743.47	Yes	SPECIFIED ANOMALIES OF SCLERA
743.48	Yes	MULTIPLE AND COMBINED ANOMALIES OF ANTERIOR SEG
743.49	Yes	OTHER ANOMALIES OF ANTERIOR SEGMENT NEC
743.5	Yes	CONGENITAL ANOMALIES OF POSTERIOR SEGMENT
743.51	Yes	VITREOUS ANOMALIES
743.52	Yes	FUNDUS COLOBOMA
743.53	Yes	CONGENITAL CHORIORETINAL DEGENERATION
743.54	Yes	CONGENITAL FOLDS/CYSTS OF POSTERIOR SEGMENT
743.55	Yes	CONGENITAL MACULAR CHANGES
743.56	Yes	CONGENITAL RETINAL CHANGES NEC
743.57	Yes	SPECIFIED OPTIC DISC ANOMALIES
743.58	Yes	VASCULAR ANOMALIES - POSTERIOR SEGMENT
743.59	Yes	POSTERIOR SEGMENT ANOMALIES NEC
743.6	Yes	CONG ANOMALIES OF EYELIDS, LACRIMAL SYSTEM, ORBIT
743.61	Yes	CONGENITAL PTOSIS
743.62	Yes	CONGENITAL EYELID DEFORMITIES
743.63	Yes	SPECIFIED CONGENITAL ANOMALIES OF EYELID NEC
743.64	Yes	SPECIFIED LACRIMAL GLAND ANOMALIES
743.65	Yes	SPECIFIED CONGENITAL ANOMALIES OF LACRIMAL PASSAGE
743.66	Yes	SPECIFIED ANOMALIES OF ORBIT, CONGENITAL
743.69	Yes	OTHER EYELID, ORBIT OR LACRIMAL SYSTEM ANOMALIES
743.8	Yes	EYE ANOMALIES NEC
743.9	Yes	EYE ANOMALY NOS
744	Yes	CONGENITAL ANOMALIES OF EAR, FACE, NECK
744.0	Yes	EAR ANOMALIES WITH HEARING IMPAIRMENT
744.00	Yes	UNSPEC ANOMALY OF EAR NOS WITH IMPAIRED HEARING
744.01	Yes	CONGENITAL ABSENCE OF EXTERNAL EAR
744.02	Yes	EXTERNAL EAR ANOMALIES WITH IMPAIRMENT OF HEARING
744.03	Yes	MIDDLE EAR ANOMALY, EXCEPT OSSICLES
744.04	Yes	ANOMALIES OF EAR OSSICLES
744.05	Yes	ANOMALIES OF INNER EAR
744.09	Yes	EAR ANOMALIES NEC WITH HEARING IMPAIRMENT
744.1	Yes	ACCESSORY AURICLE
744.2	Yes	EAR ANOMALIES NEC
744.21	Yes	CONGENITAL ABSENCE OF EAR LOBE
744.22	Yes	MACROTIA
744.23	Yes	MICROTIA
744.24	Yes	EUSTACHIAN TUBE ANOMALIES NEC
744.29	Yes	EAR ANOMALIES NEC
744.3	Yes	EAR ANOMALY NOS
744.4	Yes	BRANCHIAL CLEFT, CYST OR FISTULA; PREAURIC SINUS
744.41	Yes	BRANCHIAL CLEFT SINUS OR FISTULA (VESTIGE)
744.42	Yes	BRANCHIAL CLEFT CYST
744.43	Yes	CERVICAL AURICLE

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744.46	Yes	PREAURICULAR SINUS OR FISTULA
744.47	Yes	PREAURICULAR CYST
744.49	Yes	BRANCHIAL CLEFT ANOMALIES NEC
744.5	Yes	WEBBING OF NECK
744.8	Yes	SPEC CONGENITAL ANOMALIES OF FACE AND NECK NEC
744.81	Yes	MACROCHEILIA
744.82	Yes	MICROCHEILIA
744.83	Yes	MACROSTOMIA
744.84	Yes	MICROSTOMIA
744.89	Yes	OTHER SPEC CONGEN ANOMALIES OF THE FACE AND NECK
744.9	Yes	CONGENITAL ANOMALIES OF FACE AND NECK NOS
745	Yes	BULBUS CORDIS AND CARDIAC SEPTAL CLOSURE ANOMALIES
745.0	Yes	COMMON TRUNCUS
745.1	Yes	TRANSPOSITION OF GREAT VESSELS
745.10	Yes	COMPLETE TRANSPOSITION OF GREAT VESSELS
745.11	Yes	DOUBLE OUTLET RIGHT VENTRICLE
745.12	Yes	CORRECTED TRANSPOSITION OF GREAT VESSELS
745.19	Yes	TRANSPOSITION OF GREAT VESSELS NEC
745.2	Yes	TETRALOGY OF FALLOT
745.3	Yes	COMMON VENTRICLE
745.4	Yes	VENTRICULAR SEPTAL DEFECT
745.5	Yes	OSTIUM SECUNDUM TYPE ATRIAL SEPTAL DEFECT
745.6	Yes	ENDOCARDIAL CUSHION DEFECTS
745.60	Yes	ENDOCARDIAL CUSHION DEFECT, NOS
745.61	Yes	OSTIUM PRIMUM DEFECT
745.69	Yes	ENDOCARDIAL CUSHION DEFECT NEC
745.7	Yes	COR BILOCULARE
745.8	Yes	SEPTAL CLOSURE ANOMALIES NEC
745.9	Yes	SEPTAL CLOSURE ANOMALIES NOS
746	Yes	OTHER CONGENITAL ANOMALIES OF HEART
746.0	Yes	PULMONARY VALVE ANOMALIES
746.00	Yes	PULMONARY VALVE ANOMALY NOS
746.01	Yes	CONGENITAL PULMONARY VALVE ATRESIA
746.02	Yes	CONGENITAL PULMONARY VALVE STENOSIS
746.09	Yes	PULMONARY VALVE ANOMALY NEC
746.1	Yes	CONGENITAL TRICUSPID ATRESIA AND STENOSIS
746.2	Yes	EBSTEIN'S ANOMALY
746.3	Yes	CONGENITAL STENOSIS OF AORTIC VALVE
746.4	Yes	CONGENITAL INSUFFICIENCY OF AORTIC VALVE
746.5	Yes	CONGENITAL MITRAL STENOSIS
746.6	Yes	CONGENITAL MITRAL INSUFFICIENCY
746.7	Yes	HYPOPLASTIC LEFT HEART SYNDROME
746.8	Yes	CONGENITAL HEART ANOMALY NEC
746.81	Yes	CONGENITAL SUBAORTIC STENOSIS
746.82	Yes	COR TRIATRIATUM
746.83	Yes	INFUNDIBULAR PULMONIC STENOSIS
746.84	Yes	OBSTRUCTIVE ANOMALIES OF HEART NEC
746.85	Yes	CORONARY ARTERY ANOMALY
746.86	Yes	CONGENITAL HEART BLOCK
746.87	Yes	MALPOSITION OF HEART AND CARDIAC APEX
746.89	Yes	CONGENITAL ANOMALIES OF HEART NEC
746.9	Yes	CONGENITAL ANOMALIES OF HEART NOS
747	No	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM
747.0	No	PATENT DUCTUS ARTERIOSUS (live births 2,500g up)
747.1	Yes	COARCTATION OF AORTA
747.10	Yes	COARCTATION OF AORTA (PREDUCTAL) (POSTDUCTAL)
747.11	Yes	INTERRUPTION OF AORTIC ARCH
747.2	Yes	CONGENITAL ANOMALIES OF AORTA NEC

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747.20	Yes	CONGENITAL ANOMALIES OF AORTA NOS
747.21	Yes	ANOMALIES OF AORTIC ARCH
747.22	Yes	AORTIC ATRESIA/STENOSIS
747.29	Yes	CONGENITAL ANOMALIES OF AORTA NEC
747.3	Yes	PULMONARY ARTERY ANOMALIES
747.4	Yes	ANOMALIES OF GREAT VEINS
747.40	Yes	GREAT VEIN ANOMALY NOS
747.41	Yes	TOTAL ANOMALOUS PULMONARY VENOUS CONNECTION
747.42	Yes	PARTIAL ANOMALOUS PULMONARY VENOUS CONNECTION
747.49	Yes	GREAT VEIN ANOMALY NEC
747.5	Yes	ABSENCE OR HYPOPLASIA OF UMBILICAL ARTERY
747.6	Yes	PERIPHERAL VASCULAR ANOMALIES NEC
747.8	Yes	CIRCULATORY ANOMALIES NEC
747.81	Yes	CEREBROVASCULAR SYSTEM ANOMALIES
747.83	Yes	PERSISTENT FETAL CIRCULATION
747.89	Yes	CIRCULATORY ANOMALY NEC
747.9	Yes	CIRCULATORY ANOMALY NOS
748	Yes	CONGENITAL RESPIRATORY SYSTEM ANOMALIES
748.0	Yes	CHOANAL ATRESIA
748.1	Yes	NOSE ANOMALY NEC
748.2	Yes	LARYNGEAL WEB
748.3	Yes	OTHER ANOMALIES OF LARYNX, TRACHEA, AND BRONCHUS
748.4	Yes	CONGENITAL CYSTIC LUNG
748.5	Yes	AGENESIS, HYPOPLASIA AND DYSPLASIA OF LUNG
748.6	Yes	OTHER ANOMALIES OF LUNG
748.60	Yes	LUNG ANOMALY NOS
748.61	Yes	CONGENITAL BRONCHIECTASIS
748.69	Yes	LUNG ANOMALY NEC
748.8	Yes	RESPIRATORY SYSTEM ANOMALY NEC
748.9	Yes	RESPIRATORY SYSTEM ANOMALY NOS
749	Yes	CLEFT PALATE AND CLEFT LIP
749.0	Yes	CLEFT PALATE
749.00	Yes	CLEFT PALATE NOS
749.01	Yes	UNILATERAL CLEFT PALATE, COMPLETE
749.02	Yes	UNILATERAL CLEFT PALATE, INCOMPLETE
749.03	Yes	BILATERAL CLEFT PALATE, COMPLETE
749.04	Yes	BILATERAL CLEFT PALATE, INCOMPLETE
749.1	Yes	CLEFT LIP
749.10	Yes	CLEFT LIP NOS
749.11	Yes	UNILATERAL CLEFT LIP, COMPLETE
749.12	Yes	UNILATERAL CLEFT LIP, INCOMPLETE
749.13	Yes	BILATERAL CLEFT LIP, COMPLETE
749.14	Yes	BILATERAL CLEFT LIP, INCOMPLETE
749.2	Yes	CLEFT PALATE WITH CLEFT LIP
749.20	Yes	CLEFT PALATE AND LIP NOS
749.21	Yes	UNILATERAL CLEFT PALATE WITH CLEFT LIP, COMPLETE
749.22	Yes	UNILATERAL CLEFT PALATE AND LIP, INCOMPLETE
749.23	Yes	BILATERAL CLEFT PALATE AND LIP, COMPLETE
749.24	Yes	BILATERAL CLEFT PALATE AND LIP, INCOMPLETE
749.25	Yes	CLEFT PALATE AND LIP NEC
750	No	OTHER CONGEN ANOMALIES OF UPPER ALIMENTARY TRACT
750.0	No	TONGUE TIE - ANKYLOGLOSSIA
750.1	Yes	TONGUE ANOMALY NEC
750.10	Yes	TONGUE ANOMALY NOS
750.11	Yes	AGLOSSIA
750.12	No	CONGENITAL ADHESIONS OF THE TONGUE
750.13	Yes	CONGENITAL FISSURE OF TONGUE
750.15	Yes	CONGENITAL MACROGLOSSIA

LISTING OF DEFECTS CODE
MICHIGAN BIRTH DEFECTS REPORTING SYSTEM
REPORTABLE CONDITIONS IN 1997

ICD 9 CODE EDITION	REPORTABLE ALONE	CODE DESCRIPTION
750.16	Yes	MICROGLOSSIA
750.19	Yes	TONGUE ANOMALY NEC
750.2	Yes	OTHER SPECIFIED ANOMALIES OF MOUTH AND PHARYNX
750.21	Yes	SALIVARY GLAND ABSENCE
750.22	Yes	ACCESSORY SALIVARY GLAND
750.23	Yes	CONGENITAL ATRESIA, SALIVARY DUCT
750.24	Yes	CONGENITAL SALIVARY GLAND FISTULA
750.25	Yes	CONGENITAL LIP FISTULA
750.26	Yes	MOUTH ANOMALY NEC
750.27	Yes	DIVERTICULUM OF PHARYNX
750.29	Yes	PHARYNGEAL ANOMALY NEC
750.3	Yes	TRACHEOESOPH FISTULA, ESOPH ATRESIA & STENOSIS
750.4	Yes	ESOPHAGEAL ANOMALY NEC
750.5	Yes	CONGENITAL HYPERTROPHIC PYLORIC STENOSIS
750.6	Yes	CONGENITAL HIATUS HERNIA
750.7	Yes	GASTRIC ANOMALY NEC
750.8	Yes	OTHER SPEC ANOMALIES OF UPPER ALIMENTARY TRACT
750.9	Yes	UNSPECIFIED ANOMALY OF UPPER ALIMENTARY TRACT NEC
751	Yes	OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM
751.0	Yes	MECKEL'S DIVERTICULUM
751.1	Yes	ATRESIA AND STENOSIS OF SMALL INTESTINE
751.2	Yes	ATRESIA AND STENOSIS OF COLON, RECTUM, AND ANUS
751.3	Yes	HIRSCHSPRUNG'S DISEASE, OTHER DISFUNCTION OF COLON
751.4	Yes	INTESTINAL FIXATION ANOMALIES
751.5	Yes	INTESTINAL ANOMALY NEC
751.6	Yes	ANOMALIES OF GALLBLADDER, BILE DUCTS AND LIVER
751.60	Yes	UNSPEC ANOMALY OF GALLBLADDER BILE DUCTS AND LIVER
751.61	Yes	BILIARY ATRESIA
751.62	Yes	CONGENITAL CYSTIC LIVER DISEASE
751.69	Yes	OTHER ANOMALY OF GALLBLADDER BILE DUCTS AND LIVER
751.7	Yes	PANCREAS ANOMALIES
751.8	Yes	OTHER SPECIFIED ANOMALIES OF DIGESTIVE SYSTEM NEC
751.9	Yes	UNSPECIFIED ANOMALY OF DIGESTIVE SYSTEM
752	Yes	CONGENITAL ANOMALIES OF GENITAL ORGANS
752.0	Yes	ANOMALIES OF OVARIES
752.1	Yes	ANOMALIES OF FALLOPIAN TUBES AND BROAD LIGAMENTS
752.10	Yes	UNSPEC ANOMALY OF FALLOPIAN TUBES, BROAD LIGAMENT
752.11	Yes	EMBRYONIC CYST OF FALLOPIAN TUBES, BROAD LIGAMENT
752.19	Yes	TUBAL/BROAD LIGAMENT ANOMALIES NEC
752.2	Yes	DOUBLING OF UTERUS
752.3	Yes	UTERINE ANOMALY NEC
752.4	Yes	ANOMALIES OF CERVIX, VAGINA, EXT FEMALE GENITALIA
752.40	Yes	UNSPEC ANOMALY CERVIX, VAGINA, EXT FEMALE GENITALS
752.41	Yes	EMBRYONIC CYST CERVIX, VAGINA, EXT FEMALE GENITALS
752.42	Yes	IMPERFORATE HYMEN
752.49	Yes	OTHER ANOMALIES CERVIX, VAGINA, EXT FEMALE GENITAL
752.5	Yes	UNDESCENDED TESTICLE (live births 2,500g up)
752.51	Yes	UNDESCENDED TESTIS
752.52	No	RETRACTILE TESTIS
752.6	Yes	HYPOSPADIAS AND EPISPADIAS
752.61	Yes	HYPOSPADIAS
752.62	Yes	EPISPADIAS
752.63	Yes	CONGENITAL CHORDEE
752.64	Yes	MICROPENIS
752.65	Yes	HIDDEN PENIS
752.69	Yes	OTHER PENILE ABNORMALITIES
752.7	Yes	INDETERMINATE SEX AND PSEUDOHERMAPHRODITISM
752.8	Yes	OTHER SPECIFIED ANOMALIES OF GENITAL ORGANS

LISTING OF DEFECTS CODE
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ICD 9 CODE EDITION	REPORTABLE ALONE	CODE DESCRIPTION
752.9	Yes	GENITAL ORGAN ANOMALY NOS
753	Yes	URINARY SYSTEM ANOMALIES
753.0	Yes	RENAL AGENESIS AND DYSGENESIS
753.1	Yes	CYSTIC KIDNEY DISEASE
753.10	Yes	CYSTIC KIDNEY DISEASE, UNSPECIFIED
753.11	Yes	CONGENITAL SINGLE RENAL CYST
753.12	Yes	POLYCYSTIC KIDNEY, UNSPECIFIED TYPE
753.13	Yes	POLYCYSTIC KIDNEY, AUTOSOMAL DOMINANT
753.14	Yes	POLYCYSTIC KIDNAY, AUTOSOMAL RECESSIVE
753.15	Yes	RENAL DYSPLASIA
753.16	Yes	MEDULLARY CYSTIC KIDNEY
753.17	Yes	MEDULLARY SPONGE KIDNEY
753.19	Yes	OTHER SPECIFIED CYSTIC KIDNEY DISEASE
753.2	Yes	OBSTRUCTIVE DEFECTS OF RENAL PELVIS AND URETER
753.20	Yes	UNSPECIFIED OBSTRUCTION OF RENAL PELVIS AND URETER
753.21	Yes	CONGENITAL OBSTRUCTION OF URETEROPELVIC JUNCTION
753.22	Yes	CONGENITAL OBSTRUCTION OF THE URETOVESICAL JUNCTION
753.23	Yes	CONGENITAL URETEROCELE
753.29	Yes	OTHER OBSTRUCTIVE DEFECT - RENAL PELVIS AND URETER
753.3	Yes	KIDNEY ANOMALY NEC
753.4	Yes	URETERAL ANOMALY NEC
753.5	Yes	URINARY BLADDER EXSTROPHY
753.6	Yes	ATRESIA AND STENOSIS OF URETHRA AND BLADDER NECK
753.7	Yes	ANOMALIES OF URACHUS
753.8	Yes	OTHER SPECIFIED ANOMALIES OF BLADDER AND URETHRA
753.9	Yes	URINARY ANOMALY NOS
754	Yes	CONGENITAL MUSCULOSKELETAL DEFORMITIES
754.0	No	CONGENITAL SQUASHED OR BENT NOSE
754.1	Yes	CONGENITAL STERNOCLEIDOMASTOID MUSCLE
754.2	Yes	CONGENITAL POSTURAL DEFORMITY (SPINE)
754.3	Yes	CONGENITAL HIP DISLOCATION
754.30	Yes	CONGENITAL DISLOCATION OF HIP, UNILATERAL
754.31	Yes	CONGENITAL DISLOCATION OF HIP, BILATERAL
754.32	No	CONGENITAL SUBLUXATION OFHIP, UNILATERAL
754.33	No	CONGENITAL SUBLUXATION OF HIP, BILATERAL
754.35	Yes	CONGENITAL DISLOCATION OF ONE HIP WITH SUBLUXATION
754.4	Yes	CONGENITAL GENU RECURVATUM AND BOWING OF LONG BONE
754.40	Yes	GENU RECURVATUM
754.41	Yes	CONGENITAL KNEE DISLOCATION (with genu recurvatum)
754.42	Yes	CONGENITAL BOWING OF FEMUR
754.43	No	CONGENITAL BOWING OF TIBIA AND FIBIA
754.44	Yes	CONGENITAL BOWING OF UNSPECIFIED LONG BONES OF LEG
754.5	Yes	CONGENITAL VARUS DEFORMITIES FEET
754.50	Yes	TALIPES VARUS
754.51	Yes	TALIPES EQUINOVARUS
754.52	Yes	METATARSUS PRIMUS VARUS
754.53	Yes	METATARSUS VARUS
754.59	Yes	CONGENITAL VARUS FOOT DEFORMITIES NEC
754.6	Yes	CONGENITAL VALGUS DEFORMITIES OF FEET
754.60	Yes	TALIPES VALGUS
754.61	No	CONGENITAL PES PLANUS
754.62	No	TALIPES CALCANEOVVALGUS
754.69	Yes	CONGENITAL VALGUS FOOT DEFORMITIES NEC
754.7	Yes	OTHER CONGENITAL FOOT DEFORMITIES
754.70	Yes	TALIPES NOS
754.71	Yes	TALIPES CAVUS
754.79	Yes	OTHER CONGENITAL FOOT DEFORMITIES NEC
754.8	Yes	OTHER SPECIFIED NONTERATOGENIC ANOMALIES

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MICHIGAN BIRTH DEFECTS REPORTING SYSTEM
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ICD 9 CODE EDITION	REPORTABLE ALONE	CODE DESCRIPTION
754.81	Yes	PECTUS EXCAVATUM
754.82	Yes	PECTUS CARINATUM
754.89	Yes	NONTERATOGENIC ANOMALIES NEC
755	Yes	OTHER CONGENITAL ANOMALIES OF LIMBS
755.0	Yes	POLYDACTYLY
755.00	Yes	POLYDACTYLY, UNSPECIFIED DIGITS
755.01	Yes	POLYDACTYLY OF FINGERS
755.02	Yes	POLYDACTYLY, TOES
755.1	Yes	SYNDACTYLY
755.10	Yes	SYNDACTYLY OF MULTIPLE AND UNSPECIFIED SITES
755.11	No	SYNDACTYLY OF FINGERS WITHOUT FUSION OF BONES
755.12	Yes	SYNDACTYLY OF FINGERS WITH FUSION OF BONE
755.13	No	SYNDACTYLY OF TOES WITHOUT FUSION OF BONES
755.14	Yes	SYNDACTYLY OF TOES WITH FUSION OF BONE
755.2	Yes	REDUCTION DEFORMITIES OF UPPER LIMB
755.20	Yes	REDUCTION DEFORMITY OF UPPER LIMB NOS
755.21	Yes	TRANSVERSE DEFICIENCY OF UPPER LIMB
755.22	Yes	LONGITUDINAL DEFICIENCY OF UPPER LIMB, NEC
755.23	Yes	LONGIT DEFICIENCY, INVOLVING HUMERUS, RADUS, ULNA
755.24	Yes	LONGIT DEFICIENCY OF HUMERUS, COMPLETE OR PARTIAL
755.25	Yes	LONGIT DEFICIENCY, RADIOULNAR, COMPLETE OR PARTIAL
755.26	Yes	LONGIT DEFICIENCY, RADIAL, COMPLETE OR PARTIAL
755.27	Yes	LONGIT DEFICIENCY, ULNAR, COMPLETE OR PARTIAL
755.28	Yes	LONGIT DEFICIT CARPALS OR METACARPALS, COMP/PART
755.29	Yes	LONGIT DEFICIENCY, PHALANGES, COMPLETE OR PARTIAL
755.3	Yes	REDUCTION DEFORMITIES OF LOWER LIMB
755.30	Yes	REDUCTION DEFORMITY OF LOWER LIMB NOS
755.31	Yes	TRANSVERSE DEFICIENCY OF LOWER LIMB
755.32	Yes	LONGITUDINAL DEFICIENCY OF LOWER LIMB, NEC
755.33	Yes	LONGIT DEFICIENCY INVOLVING FEMUR, TIBIA, FIBULA
755.34	Yes	LONGITUDINAL DEFICIENCY, FEMORAL, COMPLETE OR PART
755.35	Yes	LONGIT DEFICIENCY, TIBIOFIBULAR, COMPLETE OR PART
755.36	Yes	LONGIT DEFICIENCY, TIBIA, COMPLETE OR PARTIAL
755.37	Yes	LONGITUDINAL DEFICIENCY, FIBULAR, COMPLETE OR PART
755.38	Yes	LONGIT DEFICIT TARSALS OR METATARSALS, COMP/PART
755.39	Yes	LONGIT DEFICIENCY, PHALANGES, COMPLETE OR PARTIAL
755.4	Yes	REDUCTION DEFORMITIES, UNSPECIFIED LIMB
755.5	Yes	OTHER ANOMALIES OF UPPER LIMB, INCLUDING SHOULDER
755.50	Yes	UPPER LIMB ANOMALY NOS
755.51	Yes	CONGENITAL DEFORMITY OF CLAVICLE
755.52	Yes	CONGENITAL ELEVATION OF SCAPULA
755.53	Yes	RADIOULNAR SYNOSTOSIS
755.54	Yes	MADELUNG'S DEFORMITY
755.55	Yes	ACROCEPHALOSYNDACTYLY
755.56	Yes	ACCESSORY CARPAL BONES
755.57	Yes	MACRODACTYLIA (FINGERS)
755.58	Yes	CONGENITAL CLEFT HAND
755.59	Yes	UPPER LIMB ANOMALY NEC
755.6	Yes	OTHER ANOMALIES OF LOWER LIMB, INCL PELVIC GIRDLE
755.60	Yes	LOWER LIMB ANOMALY INCLUDING PELVIC GIRDLE NOS
755.61	Yes	CONGENITAL COXA VALGA
755.62	Yes	CONGENITAL COXA VARA
755.63	Yes	CONGENITAL HIP (JOINT) DEFORMITY NEC
755.64	Yes	CONGENITAL KNEE (JOINT) DEFORMITY
755.65	Yes	MACRODACTYLIA OF TOES
755.66	No	ANOMALIES OF TOES NEC
755.67	Yes	ANOMALIES OF FOOT NEC
755.69	Yes	LOWER LIMB ANOMALY NEC

LISTING OF DEFECTS CODE
MICHIGAN BIRTH DEFECTS REPORTING SYSTEM
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ICD 9 CODE EDITION	REPORTABLE ALONE	CODE DESCRIPTION
755.8	Yes	CONGENITAL LIMB ANOMALY NEC
755.9	Yes	CONGENITAL LIMB ANOMALY NOS
756	Yes	OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES
756.0	Yes	ANOMALIES OF SKULL AND FACE BONES
756.1	Yes	ANOMALIES OF SPINE
756.10	Yes	ANOMALY OF SPINE NOS
756.11	Yes	SPONDYLOLYSIS, LUMBOSACRAL REGION
756.12	Yes	SPONDYLOLISTHESIS
756.13	Yes	CONGENITAL ABSENCE OF VERTEBRA
756.14	Yes	HEMIVERTEBRA
756.15	Yes	CONGENITAL FUSION OF SPINE (VERTEBRA)
756.16	Yes	KLIPPEL-FEIL SYNDROME
756.17	Yes	SPINA BIFIDA OCCULTA
756.19	Yes	ANOMALY OF SPINE NEC
756.2	Yes	CERVICAL RIB
756.3	Yes	RIB AND STERNUM ANOMALIES NEC
756.4	Yes	CHONDRODYSTROPHY
756.5	Yes	OSTEODYSTROPHIES
756.50	Yes	OSTEODYSTROPHY NOS
756.51	Yes	OSTEOGENESIS IMPERFECTA
756.52	Yes	OSTEOPETROSIS
756.53	Yes	OSTEOPOIKILOSIS
756.54	Yes	POLYOSTOTIC FIBROUS DYSPLASIA OF BONE
756.55	Yes	CHONDROECTODERMAL DYSPLASIA
756.56	Yes	MULTIPLE EPIPHYSEAL DYSPLASIA
756.59	Yes	OSTEODYSTROPHY NEC
756.6	Yes	ANOMALIES OF DIAPHRAGM
756.7	Yes	ABDOMINAL WALL ANOMALIES
756.8	Yes	OTHER SPECIFIED SOFT TISSUE ANOMALIES
756.81	Yes	ABSENCE OF MUSCLE/TENDON
756.82	Yes	ACCESSORY MUSCLE ANOMALIES
756.83	Yes	EHLERS-DANLOS SYNDROME
756.89	Yes	SOFT TISSUE ANOMALY NEC
756.9	Yes	MUSCULOSKELETAL SYSTEM ANOMALIES NEC/NOS
757	Yes	CONGENITAL ANOMALIES OF THE INTEGUMENT
757.0	Yes	HEREDITARY EDEMA OF LEGS
757.1	Yes	ICHTHYOSIS CONGENITA
757.2	Yes	DERMATOGLYPHIC ANOMALIES
757.3	Yes	OTHER SPECIFIED SKIN ANOMALIES
757.31	Yes	CONGENITAL ECTODERMAL DYSPLASIA
757.32	No	PORT WINE STAIN
757.33	Yes	CONGENITAL SKIN PIGMENT ANOMALIES
757.39	Yes	SKIN ANOMALY NEC
757.4	Yes	HAIR ANOMALIES NEC
757.5	Yes	NAIL ANOMALIES NEC
757.6	Yes	BREAST ANOMALIES NEC
757.8	Yes	OTHER INTEGUMENT ANOMALIES
757.9	Yes	INTEGUMENT ANOMALY NOS
758	Yes	CHROMOSOMAL ANOMALIES
758.0	Yes	DOWN'S SYNDROME
758.1	Yes	PATAU'S SYNDROME
758.2	Yes	EDWARDS' SYNDROME
758.3	Yes	AUTOSOMAL DELETION SYNDROMES
758.4	Yes	BALANCED AUTOSOMAL TRANSLOC IN NORMAL INDIVIDUAL
758.5	Yes	AUTOSOMAL ANOMALIES NEC
758.6	Yes	GONADAL DYSGENESIS
758.7	Yes	KLINEFELTER'S SYNDROME
758.8	Yes	SEX CHROMOSOME ANOMALIES NEC

758.81	Yes	OTHER CONDITIONS DUE TO SEX CHROMOSOME ANOMALIES
758.89	Yes	OTHER CONDITIONS DUE TO CHROMOSOME ANOMALIES
758.9	Yes	CONDITIONS DUE TO ANOMALY OF UNSPEC CHROMOSOME
759	Yes	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES
759.0	Yes	ANOMALIES OF SPLEEN
759.1	Yes	ADRENAL GLAND ANOMALY
759.2	Yes	ANOMALIES OF OTHER ENDOCRINE GLANDS
759.3	Yes	SITUS INVERSUS
759.4	Yes	CONJOINED TWINS
759.5	Yes	TUBEROUS SCLEROSIS
759.6	Yes	HAMARTOSES NEC
759.7	Yes	MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED
759.8	Yes	CONGENITAL ANOMALIES NEC
759.81	Yes	PRADER-WILLI SYNDROME
759.82	Yes	MARFAN SYNDROME
759.89	Yes	OTHER SPECIFIED ANOMALIES
759.9	Yes	CONGENITAL ANOMALY, UNSPECIFIED
760	Yes	FETUS AFFECTED BY MATERNAL EXPOSURE TO SUBSTANCES
760.2	No	MATERNAL INFECTIONS AFFECTING FETUS
760.71	Yes	FETAL ALCOHOL SYNDROME
760.75	Yes	FETUS AFFECTED BY MATERNAL COCAINE
760.79	Yes	FETUS AFFECTED BY OTHER MATERNAL EXPOSURES
767.1	No	INJURIES TO SCALP
767.6	No	INJURY TO BRACHIAL PLEXUS
769	No	RESPIRATORY DISTRESS SYNDROME
770.2	No	INTERSTITIAL EMPHYSEMA AND RELATED CONDITIONS
770.7	No	CHRONIC RESPIRATORY DISEASE FROM PERINATAL PERIOD
771	Yes	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD
771.0	Yes	CONGENITAL RUBELLA
771.1	Yes	CONGENITAL CYTOMEGALOVIRUS INFECTION
771.2	Yes	OTHER CONGENITAL INFECTIONS
771.6	No	NEONATAL CONJUNCTIVITIS AND DACRYOCYSTITIS
772.0	No	FETAL BLOOD LOSS
772.6	No	CUTANEOUS HEMORRHAGE IN FETUS OR NEWBORN
773.1	No	HEMOLYTIC DISEASE DUE TO ABO ISOIMMUNIZATION
773.3	No	HYDROPS FETALIS DUE TO ISOIMMUNIZATION
774.2	No	NEONATAL JAUNDICE ASSOCIATED WITH PRETERM DELIVERY
775.5	No	OTHER TRANSITORY NEONATAL ELECTROLYTE DISTURBANCES
775.7	No	LATE METABOLIC ACIDOSIS OF NEWBORN
777.1	No	MECONIUM OBSTRUCTION
777.6	No	PERINATAL INTESTINAL PERFORATION
778	Yes	CONDITIONS INVOL INTEGUMENT AND TEMP REGULATION
778.0	Yes	HYDROPS FETALIS NOT DUE TO ISOIMMUNIZATION
778.6	No	CONGENITAL HYDROCELE
779.5	Yes	DRUG WITHDRAWAL SYNDROME IN NEWBORN
779.8	No	OTHER SPECIFIED CONDITIONS IN PERINATAL PERIOD
785.2	No	UNDIAGNOSED CARDIAC MURMURS

APPENDIX

PUBLIC ACT 236 of 1988

BIRTH DEFECTS REPORTING RULES

PUBLIC HEALTH CODE (EXCERPT)
Act 368 of 1978

333.5721 Birth defects; reports; records; confidentiality; rules; submission to medical examination or supervision not required; contract for collection and analysis of data; evaluation of information reported to birth defects registry; public reports.

Sec. 5721. (1) Each diagnosed incidence of a birth defect, including a congenital or structural malformation, or a biochemical or genetic disease, and any information relevant to incidents of birth defects, shall be reported to the department. The reporting shall begin not later than the next calendar year after June 11, 1987.

(2) The department shall maintain comprehensive statewide records of all information reported to the birth defects registry. The information reported shall be subject to the same requirements of confidentiality as provided in section 2631 for data or records concerning medical research projects.

(3) The director shall promulgate rules which provide for all of the following:

(a) A list of birth defects, including, but not limited to, congenital and structural malformations, and biochemical or genetic diseases, and other relevant information to be reported.

(b) The quality and manner in which the incidents of birth defects and other information is to be reported.

(c) The terms and conditions under which records maintained under this section, including any records containing the name and medical condition of a specific individual, may be released by the department.

(4) This section does not compel an individual to submit to medical examination or supervision by the department or otherwise.

(5) The department may contract for the collection and analysis of, and research related to, the data required under this section.

(6) Within 2 years after June 11, 1987, the department shall begin evaluating the information reported to the birth defects registry. The department shall publish and make available to the public reports summarizing the information collected. The first summary report shall be published not later than 180 days after the end of the first 2 full calendar years after June 11, 1987. Subsequent annual summary reports shall be made on a full calendar year basis and published not later than 180 days after the end of each calendar year.

History: Add. 1987, Act 48, Imd. Eff. June 11, 1987;-Am. 1988 Act 236, Eff. Oct. 1, 1988.

Popular name: Act 368

DEPARTMENT OF COMMUNITY HEALTH

VITAL RECORDS & HEALTH DATA DEVELOPMENT SECTION
BIRTH DEFECTS REPORTING

Filed with the Secretary of State on November 20, 1991
These rules take effect 15 days after filing with the Secretary of State

(By authority conferred on the department of public health by section 5721 of Act No. 368 of the Public Acts of 1978, as amended, being §333.5721 of the Michigan Compiled Laws)

R 325.9071 Definitions.

Rule 1. (1) As used in these rules:

(a) "Birth defect" means an abnormality of the body's structure or inherent function present at birth, whether the abnormality is detected at the time of delivery or becomes apparent at a later date.

(b) "Birth defects registry" means the data base that contains individual case level demographic and diagnostic information maintained by the department.

(c) "Department" means the department of public health.

(d) "Registrant" means a child age birth to 2 years who is diagnosed with a reportable birth defect in the state of Michigan.

(2) The terms "clinical laboratory" and "hospital," as defined in sections 20104 and 20106, respectively, of Act No. 368 of the Public Acts of 1978, as amended, being §§333.20104 and 333.20106 of the Michigan Compiled Laws, have the same meanings when used in these rules.

R 325.9072 Reportable defects.

Rule 2. (1) Reportable defects are those defects identified by the following selected codes listed in the publication entitled "International Classifications of Diseases, 9th Revision, Clinical Modification":

090.0-090.49
090.9
237.7
243
252.1
253.2
253.8
255.2
255.8
257.8
259.4
270.0-271.9
272.0-273.9
275.3
277.0-277.9
279.11
279.2
282.0-282.9
284.0
286.0-286.4
286.6
286.9
287.3
330.1
331.7
331.89-331.9
334.1-334.2
335.0
337.9
343.9
345.6
348.0
352.6
356.0-356.9
358.0-359.3
359.8-359.9
362.2-362.29
362.6-362.66
363.20
369.0-369.9
377.16
378.0-378.9
379.5-379.59
389.9
425.0-425.1
425.3-425.4
426.0-427.42
427.8-427.9
434.0-434.9
453.0
520.0-520.2
520.4-520.5
520.8-520.9
524.0-524.1
537.1
550.0-550.93
553.0-553.9

560.2	596.1-596.2	658.83
560.9	598.9	733.3
565.1	599.1	740.0-759.9
569.2	599.6	760.71
569.81	619.0-619.9	760.75
593.3	653.7	771.0-771.2
593.5	658.8	778.0
593.82	658.81	

The descriptions of the selected codes listed in this publication are adopted by reference in R 325.9076.

(2) Diagnoses of birth defects that occur in children from birth to 2 years old shall be reported to the department in a manner that is consistent with these rules. This rule applies whether or not a child dies before the age of 2.

(3) Diagnoses shall be reported by hospitals. The administrative officer of each reporting facility shall be responsible for establishing the reporting procedures at that facility. These procedures shall ensure that every child from birth to 2 years of age who is diagnosed either in the facility-operated inpatient or outpatient setting as having a birth defect shall be reported to the registry. If a child is transported to another facility, the health care facility at which a reportable diagnosis is first made is responsible for reporting.

(4) Diagnoses shall also be reported by clinical laboratories. The director of every laboratory that conducts postmortem examinations or cytogenetic tests shall report, to the department, any potential registrant who has a reportable birth defect.

(5) Reports shall be submitted within 30 days of a diagnosis in a form prescribed and approved by the department.

(6) Reports that are submitted on forms provided by the department or by electronic media shall meet data quality, format, and timeliness standards prescribed by the department, as described in the manual for completing the birth defects registry report form.

R 325.9073 Quality assurance.

Rule 3. (1) For the purposes of assuring the quality of submitted data, each reporting entity shall allow the department, with not less than five working days' notice and during reasonable working hours, to inspect the parts of a patient's medical records as necessary to verify the accuracy of the submitted data.

(2) A reporting entity shall, upon the request of the department, supply missing information, if known, or clarify information submitted to the department.

(3) Upon mutual agreement between a reporting entity and the department, the reporting entity may elect to submit copies of medical records instead of on-site inspection of the records by the department. Each copy of a medical record or part thereof that is submitted to the department pursuant to this rule shall be used only for verification of corresponding reported data, shall not be recopied by the department, and shall be kept in a locked file cabinet when not being used. Such copies shall be promptly destroyed following verification of the corresponding reported data or, if the reported data appears to be inaccurate, following clarification or correction of the reported data.

(4) Both of the following provisions shall be complied with to preserve the confidentiality of each patient's medical records:

(a) Each reporting entity, when requested, shall provide the department with, for inspection only, all of the following records and reports:

(i) Reports of diagnoses of birth defects and notations of the reasons for such diagnoses, including the primary clinician's reports and consultation reports.

(ii) Those parts of medical records that contain the specific information required to be reported.

(b) A reporting entity shall not be required by this rule to allow the inspection of any part of any patient's record other than those parts specified in subrule (1) of this rule. A reporting entity may allow the inspection of medical records from which parts, other than those specified, have been deleted, masked, crossed out, or otherwise rendered illegible.

R 325.9074 Confidentiality of reports.

Rule 4. (1) The department shall maintain the confidentiality of all reports of birth defects submitted to the department and shall not release such reports or any information which, because of name, identifying number, mark, or description, can be readily associated with a particular individual, except in accordance with the provisions of subrules (2), (3), (4), (5), and (6) of this rule. The department shall not release any information that would indicate whether or not the name of a particular person is listed in the registry, except in accordance with the provisions of subrules (2), (3), (4), (5), and (6) of this rule.

(2) A report of birth defects that is submitted to the department concerning a particular individual, and any other information maintained in the birth defects registry reporting system which, because of name, identifying number, mark, or description, can be readily associated with a particular individual, shall be released only as follows:

(a) To the particular individual upon compliance with both of the following provisions:

(i) Receipt of a written request which is signed by the particular individual and which is witnessed or notarized as required by the provisions of subrule (3) of this rule.

(ii) Presentation by the particular individual of suitable identification as required by the provisions of subrule (4) of this rule.

(b) If the particular individual is a minor, to a parent of the particular individual upon compliance with all of the following provisions:

(i) Receipt of a written request which is signed by the parent and which is witnessed or notarized as required by the provisions of subrule (3) of this rule.

(ii) Receipt of a certified copy of the birth certificate of the particular individual.

(iii) Presentation by the parent of suitable identification as required by the provisions of subrule (4) of this rule.

(c) If the particular individual has a court-appointed guardian or if the particular individual is deceased, to the court-appointed guardian or to the executor or administrator of the particular individual's estate upon compliance with all of the following provisions:

(i) Receipt of a written request which is signed by the court-appointed guardian, executor, or administrator and which is witnessed or notarized as required by the provisions of subrule (3) of this rule.

(ii) Receipt of a certified copy of the order or decree which appoints the guardian, executor, or administrator.

(iii) Presentation by the guardian, executor, or administrator of suitable identification as required by the provisions of subrule (4) of this rule.

(d) To an attorney or other person who is designated by the particular individual upon compliance with both of the following provisions:

(i) Receipt of a written request which is signed by the particular individual, which is witnessed or notarized as required by the provisions of subrule (3) of this rule, and which requests release of the information to the attorney or other person.

(ii) Presentation by the attorney or other person of suitable identification as required by the provisions of subrule (4) of this rule.

(e) To an attorney or other person who is designated by the court-appointed guardian of the particular individual or who is designated by the executor or administrator of the estate of the particular individual upon compliance with all of the following provisions:

(i) Receipt of a written request which is signed by the court-appointed guardian, executor, or administrator, which is witnessed or notarized as required by the provisions of subrule (3) of this rule, and which requests release of the information to the attorney or other person.

(ii) Receipt of a certified copy of the order or decree which appoints the guardian, executor, or administrator.

(iii) Presentation by the attorney or other person of suitable identification as required by the provisions of subrule (4) of this rule.

(f) If the particular individual is a minor, to an attorney or other person who is designated by the parent of the particular individual upon compliance with all of the following provisions:

(i) Receipt of a written request which is signed by the parent, which is witnessed or notarized as required by the provisions of subrule (3) of this rule, and which requests release of the information to the attorney or other person.

(ii) Receipt of a certified copy of the birth certificate of the particular individual.

(iii) Presentation by the attorney or other person of suitable identification as required by the provisions of subrule (4) of this rule.

(3) Every written request for the release of information that is submitted pursuant to the provisions of subrule (2) of this rule shall be signed by the person who makes the written request. Such signature shall comply with either of the following provisions:

(a) Be witnessed by an employee of the department who has been designated to witness such requests and to whom the person making the request presents suitable identification as required by the provisions of subrule (4) of this rule.

(b) Be notarized by a notary public or magistrate.

(4) Any person who is required by the provisions of subrule (2) or (3) of this rule to present suitable identification shall present an identification document, such as a driver's license, or other document which contains both a picture of the person and the signature or mark of the person.

(5) The director may, pursuant to the provisions of R 325.9074 and R 325.9075, release information from the birth defects registry to an authorized representative of a study or research project that shall be reviewed by a scientific advisory panel and approved by the director. The process for release of information that identifies the registrant shall be as set forth in this subrule. After the proposal for the research has been reviewed pursuant to the provisions of R 325.9075, and before any information is released to the researcher, information shall be sent to the parent or parents or legal guardian of the registrant that describes the goals and process of the research project. The parent or parents or legal guardian shall be asked to indicate if he or she wishes to participate in the project. The name of the registrant shall only be released to the director of the research project when the parent or parents or legal guardian grants approval for such release. The department shall not release any part of a patient's medical record obtained pursuant to the provisions of R 325.9073.

(6) The director may authorize information from the birth defects registry to be used within the department to offer medical and other support services to the registrant. The department may contact the parent or parents or legal guardian of a child who is identified in the birth defects registry to offer referral to medical and other support services as appropriate. The department shall not release any part of a patient's medical record obtained pursuant to the provisions of R 325.9073.

R 325.9075 Scientific advisory panel; release of information for research.

Rule 5. (1) The director of the department shall appoint a scientific advisory panel of not less than 3 scientists to review research proposals for which a release of information which is maintained by the department and which identifies an individual reported to have a diagnosis of a birth defect is required.

(2) A research proposal that requires the release of information that identifies an individual who has a reported diagnosis of a birth defect shall be reviewed by the scientific advisory panel.

(3) The panel shall, in writing, advise the director on the merits of the study.

(4) The study or research project shall not publish the name of any individual who is or was the subject of a report of a birth defect that was submitted to the department. The study or research project shall not release any identifying number, mark, or description that can be readily associated with an individual who is or was the subject of a report of a birth defect that was submitted to the department. A formal memorandum of agreement that is signed by an authorized representative of the department and the director of the research project shall include all of the following provisions:

(a) That electronic files, optical files, or hard copy of the data provided by the department shall not be copied for retention, resold, or otherwise provided to another person or agency and will be returned to the department upon completion of processing of the study.

(b) That any reports or published papers relying in whole or in part on the data furnished by the department to the study or research project shall acknowledge the Michigan birth defects registry of the Michigan department of public health as the source of the data.

(c) That a prepublication copy of all resulting papers shall be sent to the department at least 15 days prior to the expected date of publication.

R 325.9076 Adoption by reference.

Rule 6. The publication entitled "International Classifications of Diseases, 9th Revision, Clinical Modification," 1989, specified in R 325.9072, is adopted by reference in these rules. Copies of the adopted matter may be obtained from the Healthcare Knowledge Resources, 3853 Research Park Drive, Post Office Box 303, Ann Arbor, Michigan 48106-0303, or from the Michigan Department of Community Health, Vital Records and Health Data Development Section, 3423 North Logan/Martin L. King Jr., Blvd., Post Office Box 30195, Lansing, Michigan 48909. The cost at the time of adoption of these rules is $57.00.